

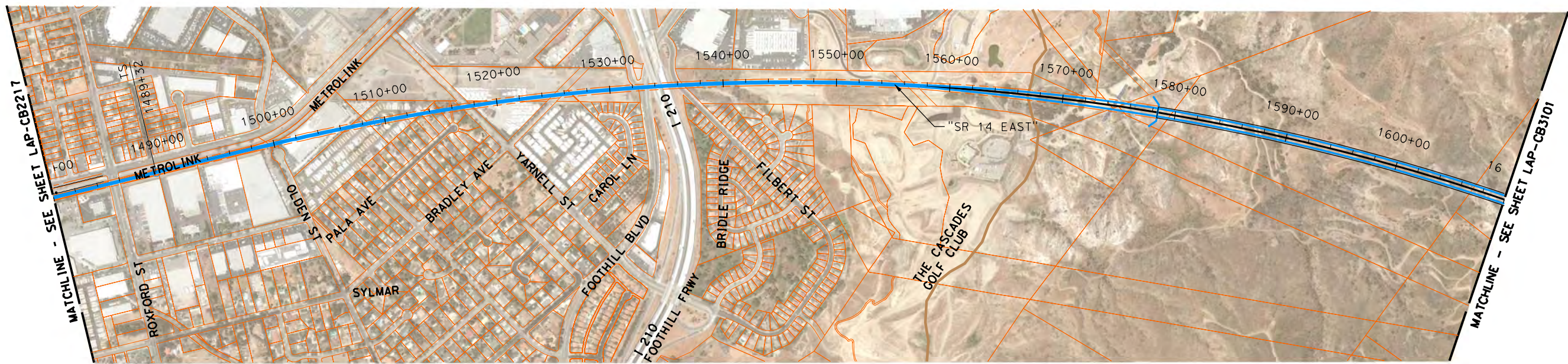
U.S. Department of Transportation
Federal Railroad Administration

California High Speed Train - Palmdale to Los Angeles Section
Preliminary Alternatives Analysis Report - Drawing Index - Sylmar to Palmdale

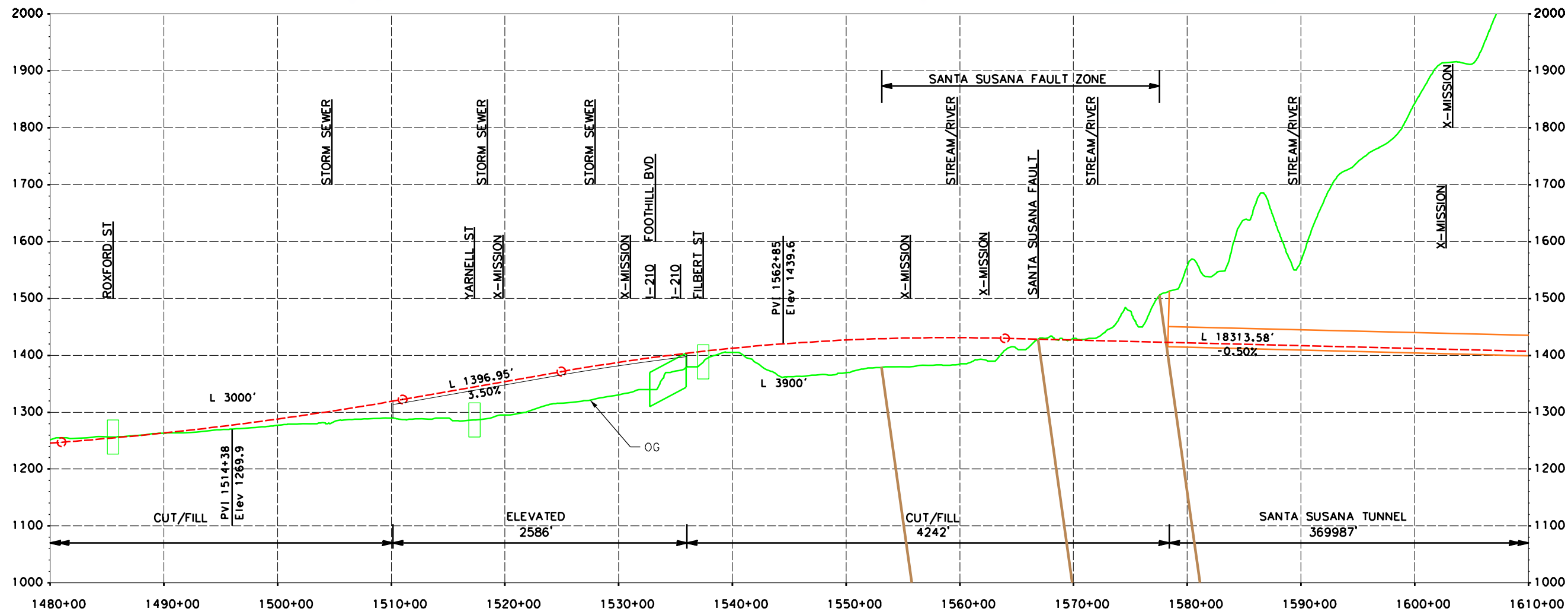
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0 0.45 0.9 1.8 2.7 3.6 Miles



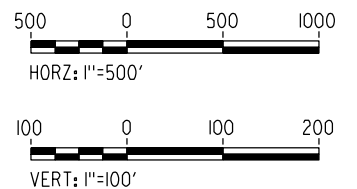
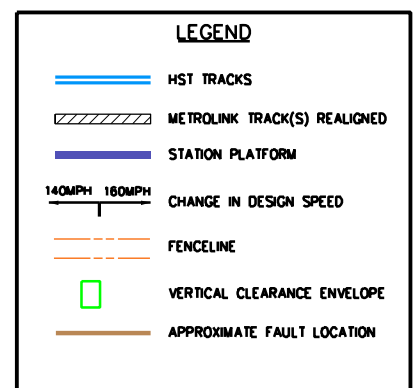
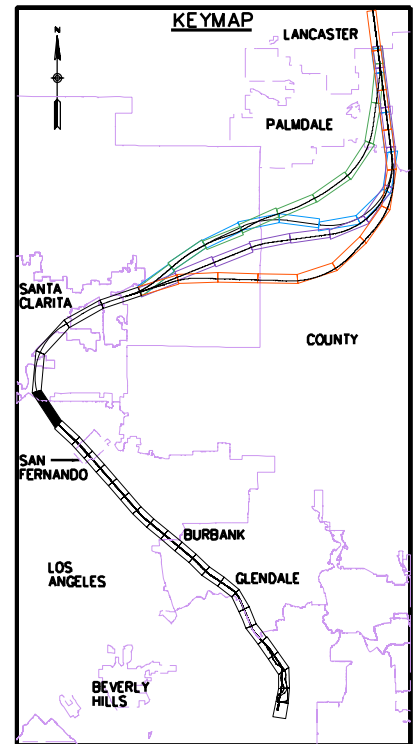
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PLAN



PROFILE

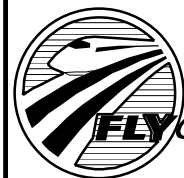


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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



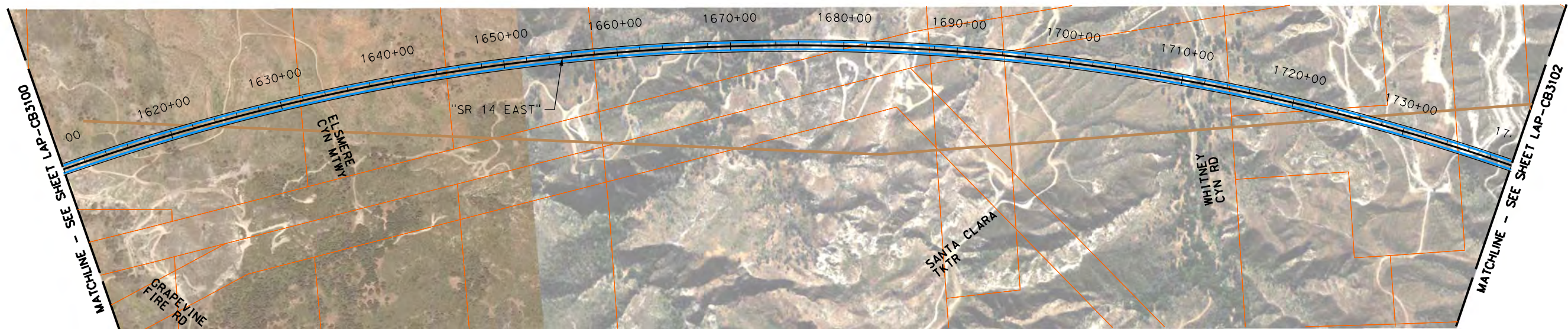
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

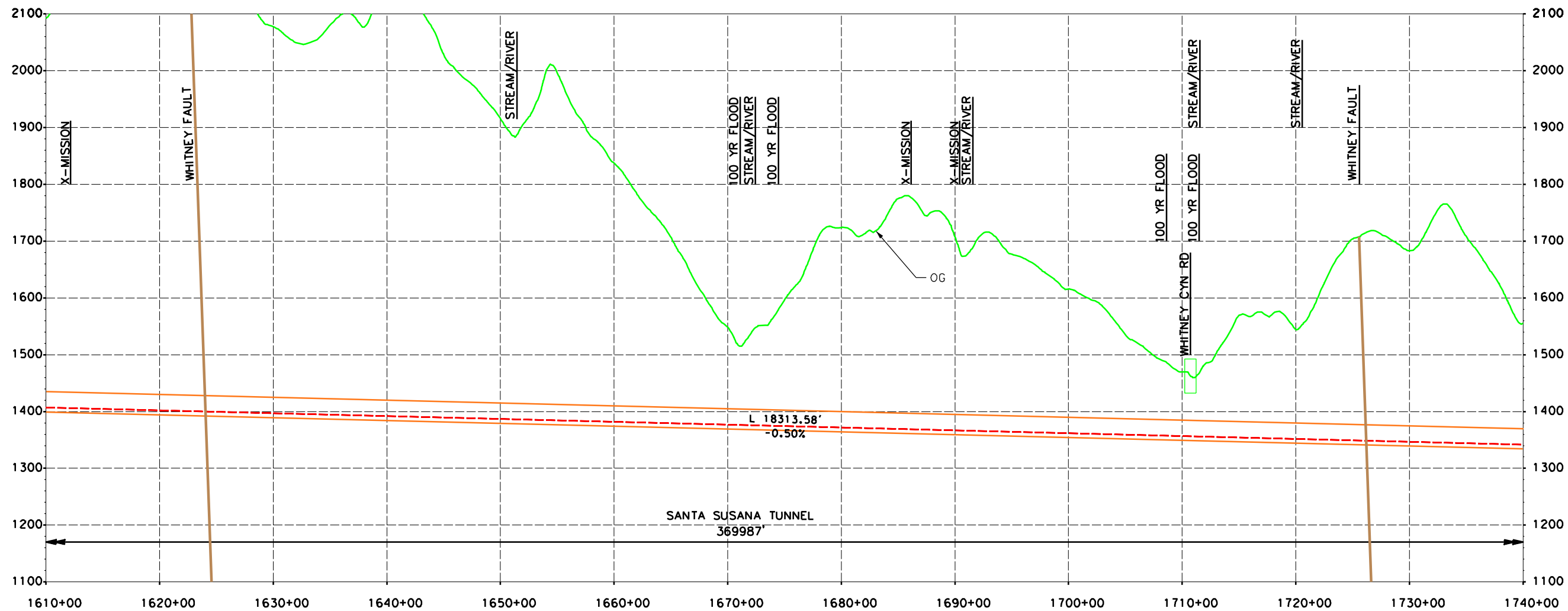
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 1480+00 TO 1610+00

CONTRACT NO.
DRAWING NO. LAP-CB3100
SCALE AS SHOWN
SHEET NO. 1 OF 16

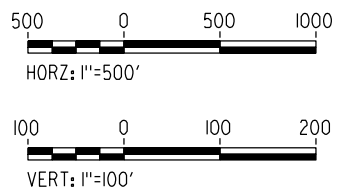
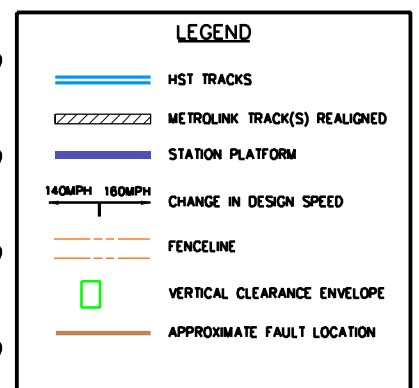
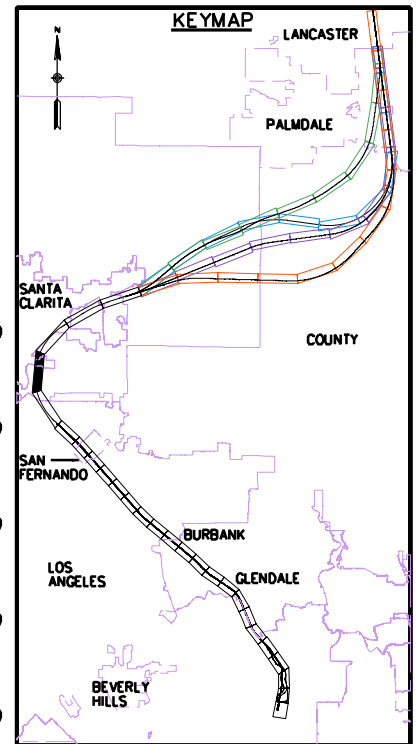
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PLAN



PROFILE

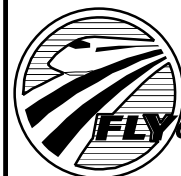


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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY

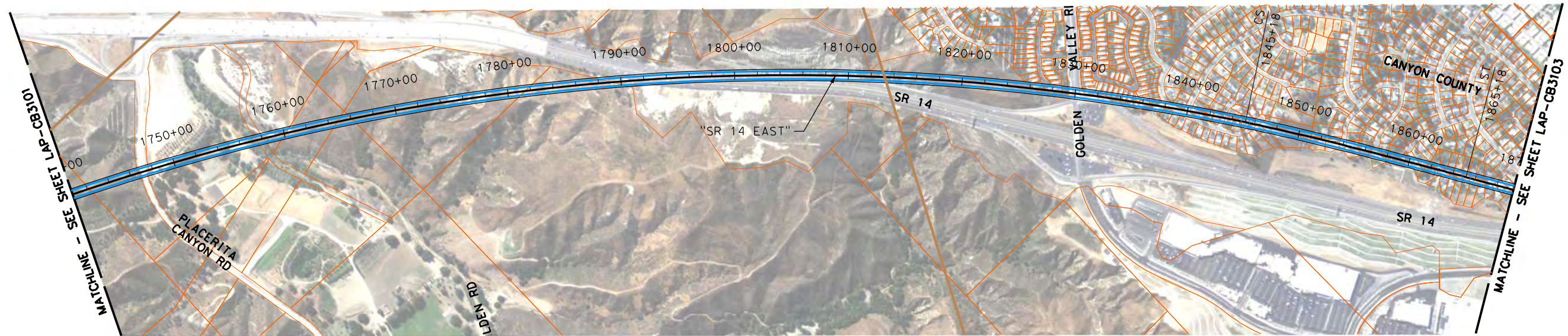
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

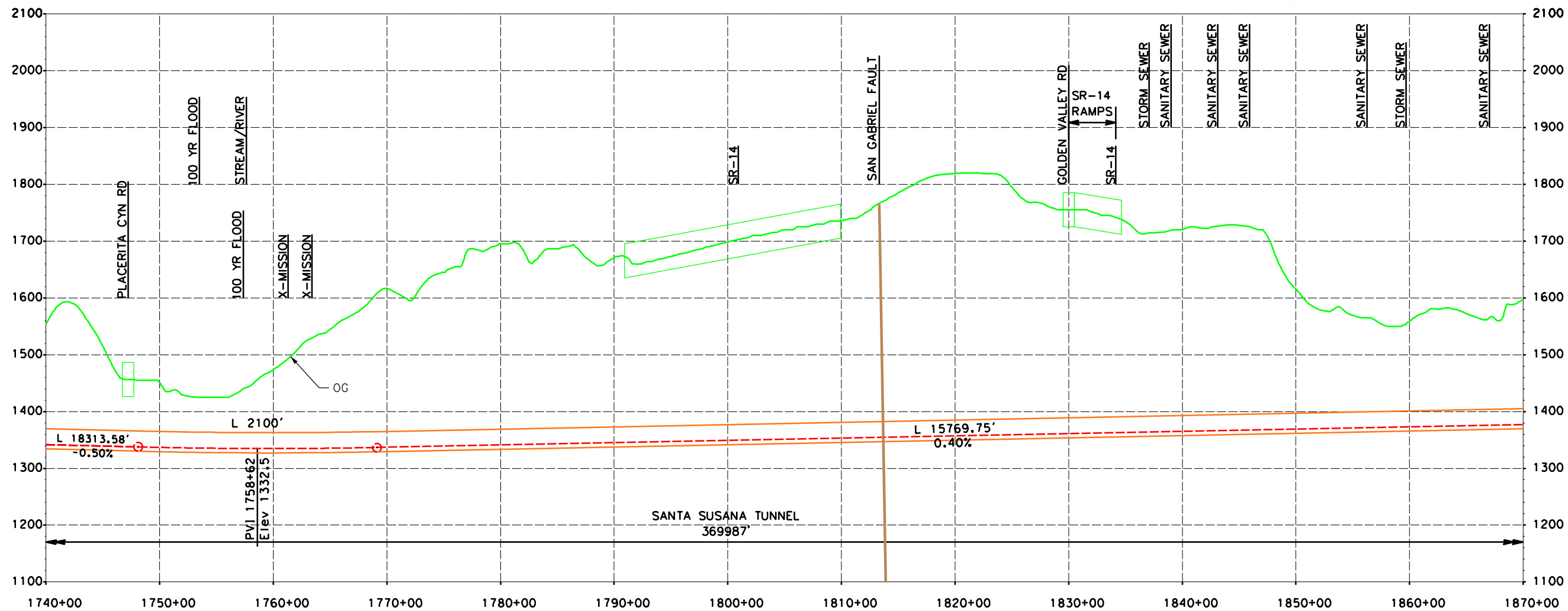
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SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 1610+00 TO 1740+00

CONTRACT NO.
DRAWING NO. LAP-CB3101
SCALE AS SHOWN
SHEET NO. 2 OF 16

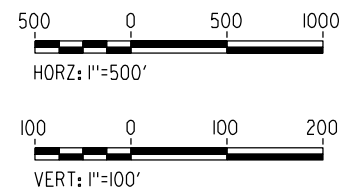
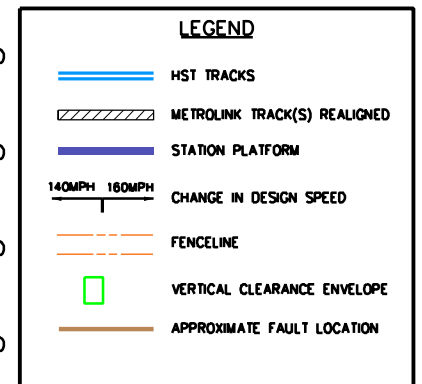
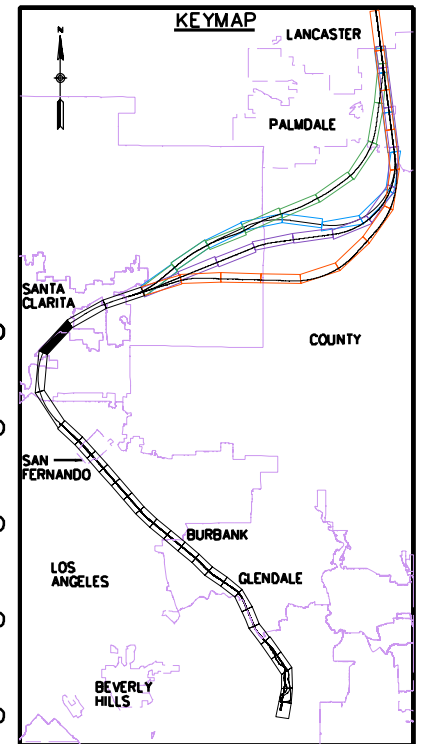
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PLAN



PROFILE



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Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

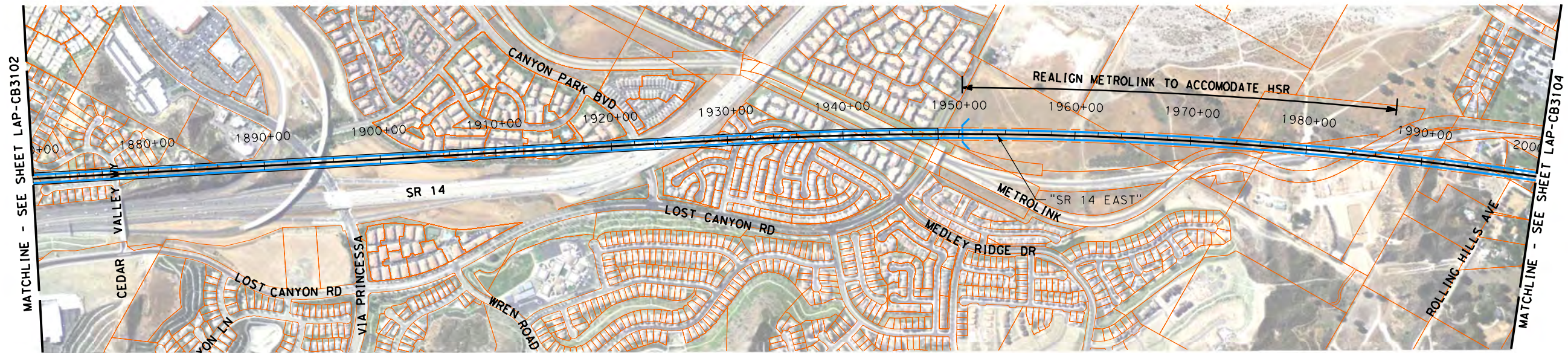


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

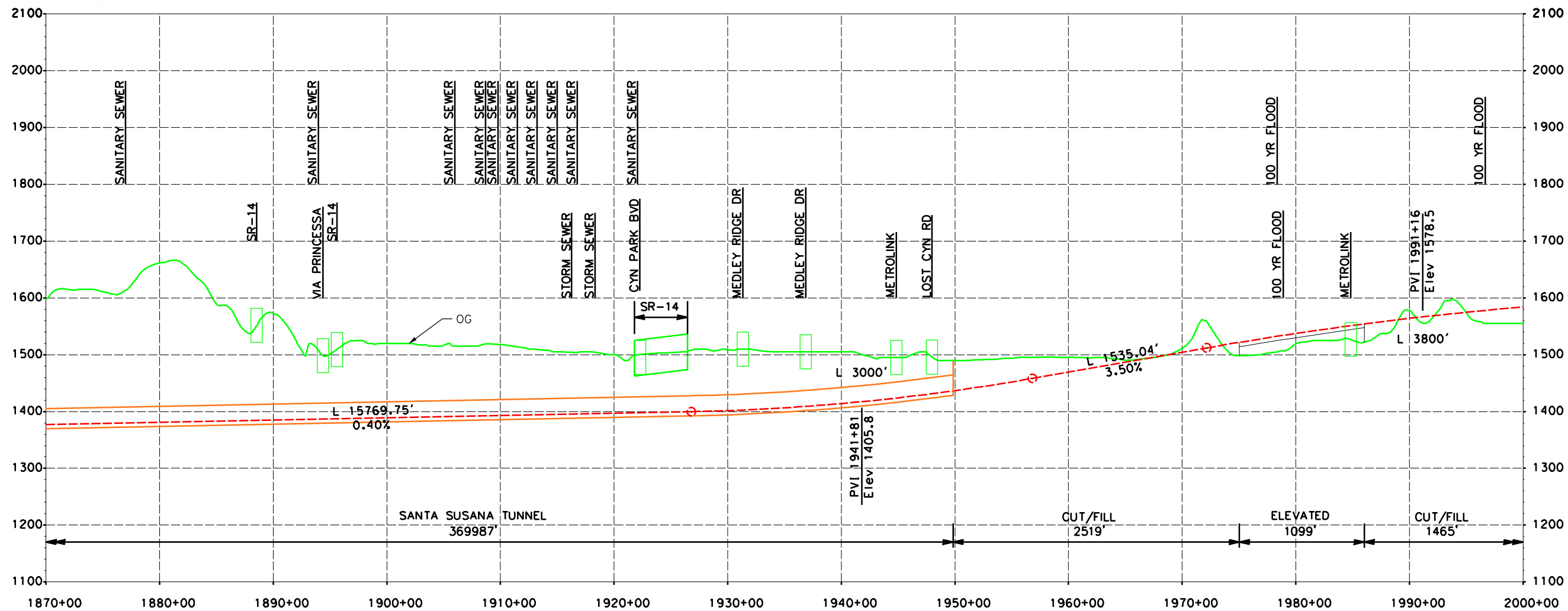
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 1740+00 TO 1870+00

CONTRACT NO.
DRAWING NO. LAP-CB3102
SCALE AS SHOWN
SHEET NO. 3 OF 16

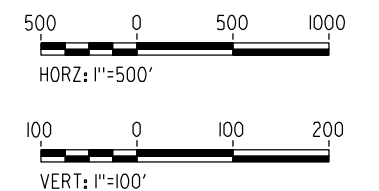
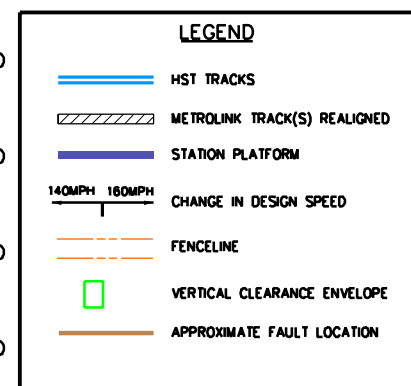
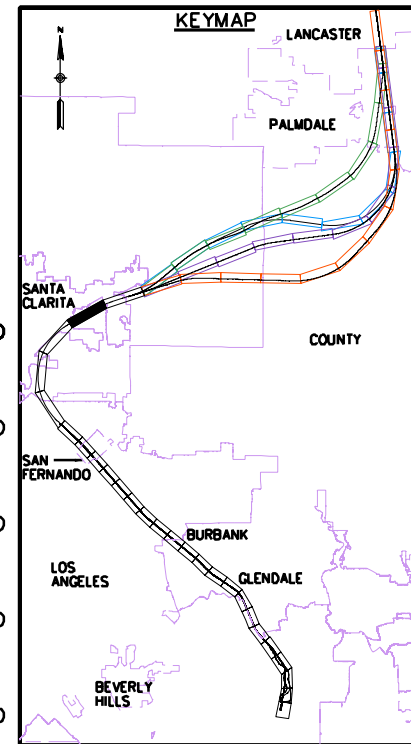
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PLAN



PROFILE



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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

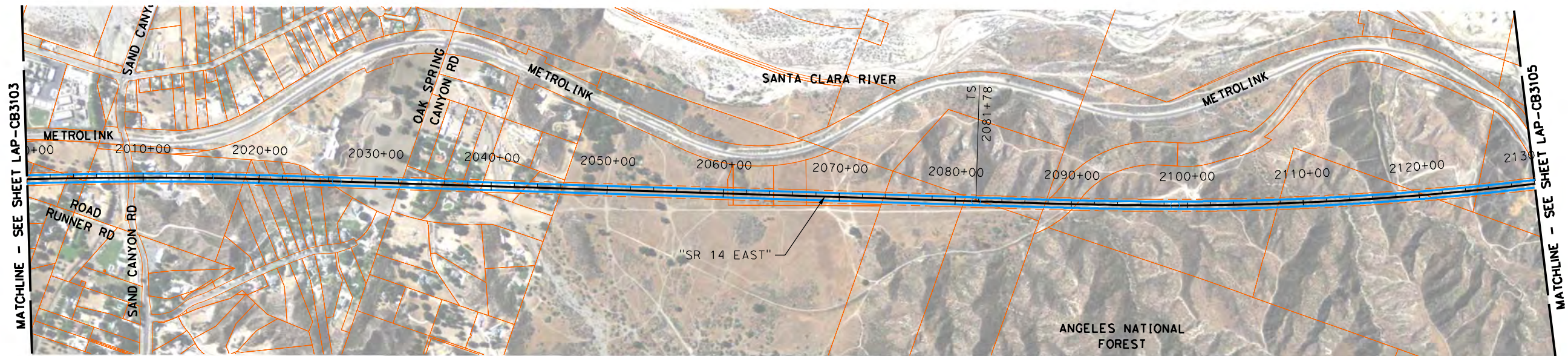


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

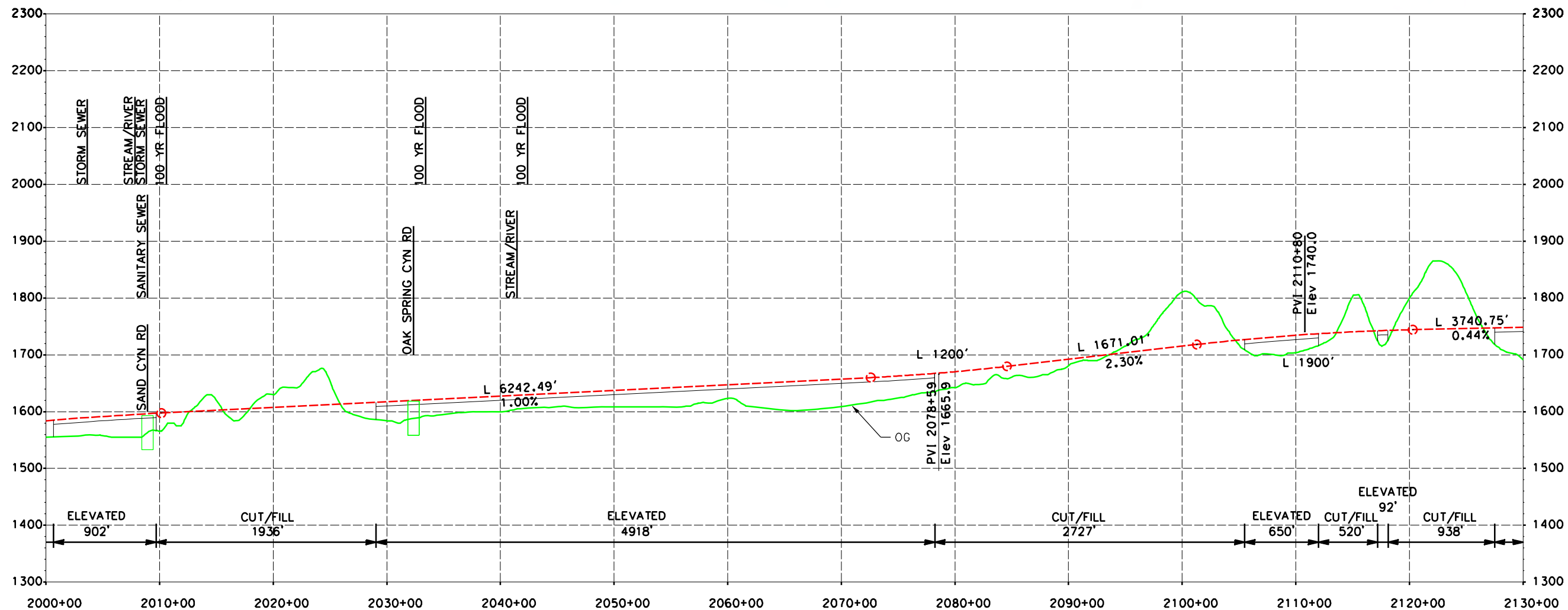
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 1870+00 TO 2000+00

CONTRACT NO.
DRAWING NO. LAP-CB3103
SCALE AS SHOWN
SHEET NO. 4 OF 16

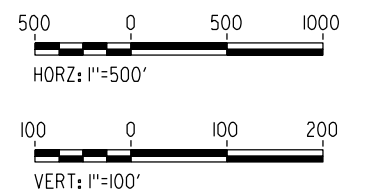
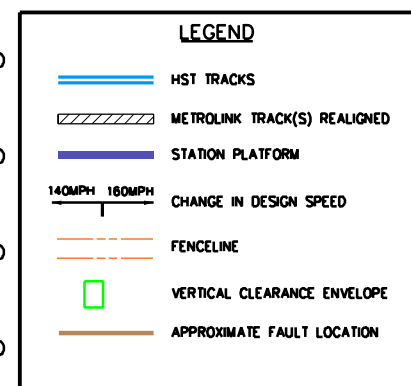
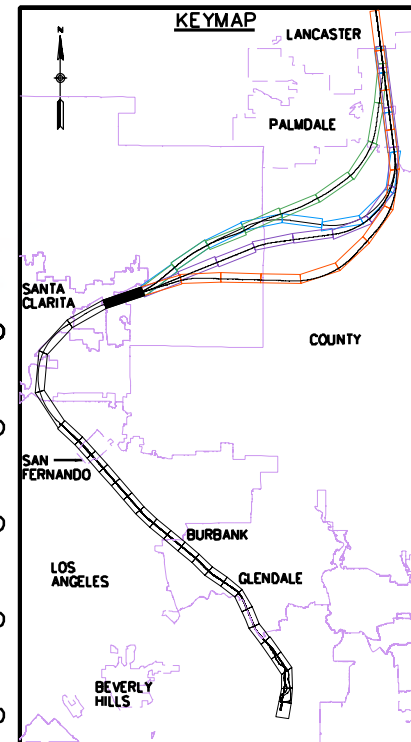
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PLAN



PROFILE

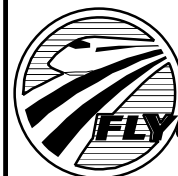


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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

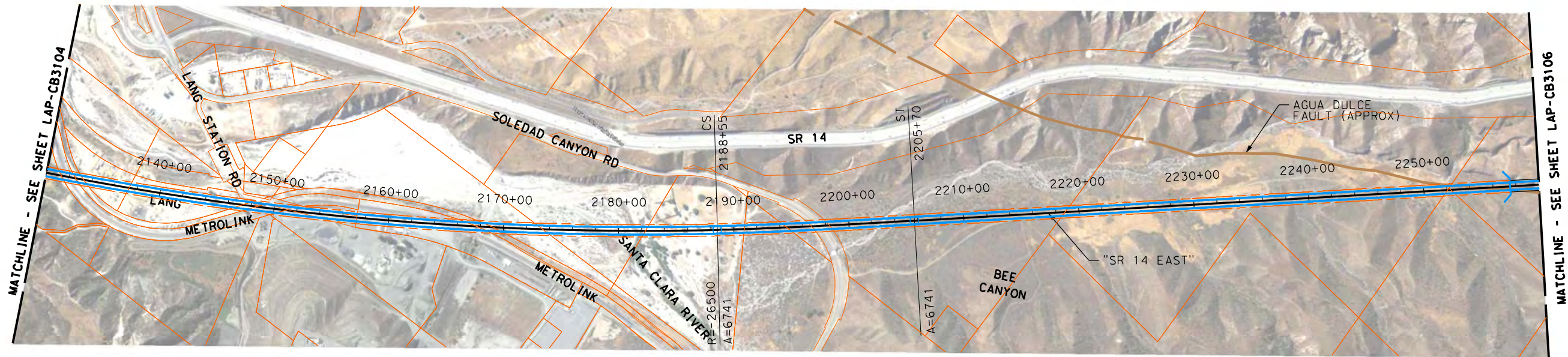


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

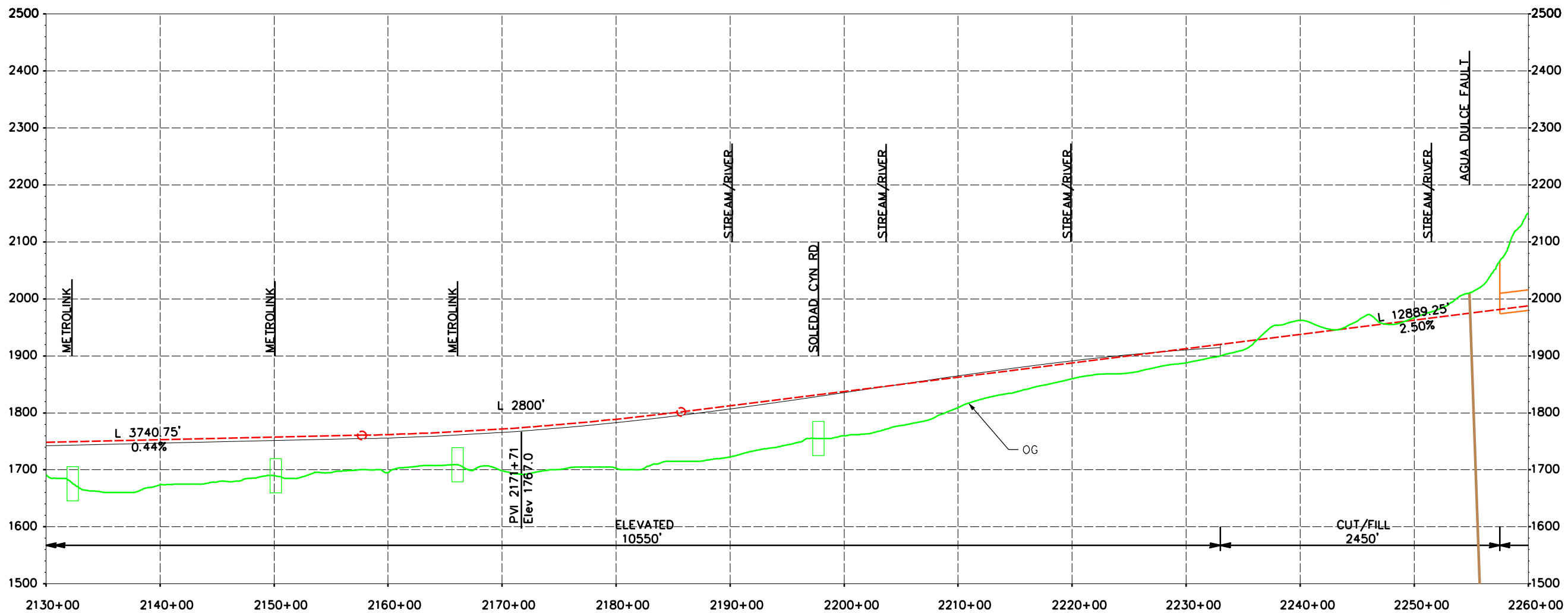
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PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 2000+00 TO 2130+00

CONTRACT NO.
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SCALE AS SHOWN
SHEET NO. 5 OF 16

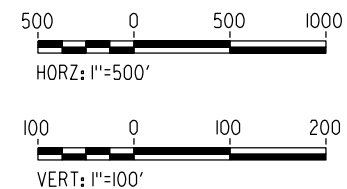
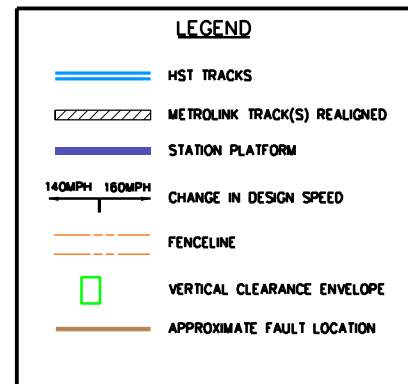
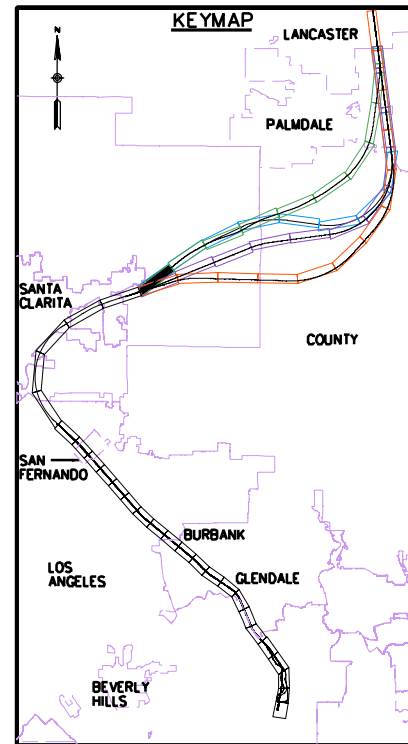
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PLAN



PROFILE



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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

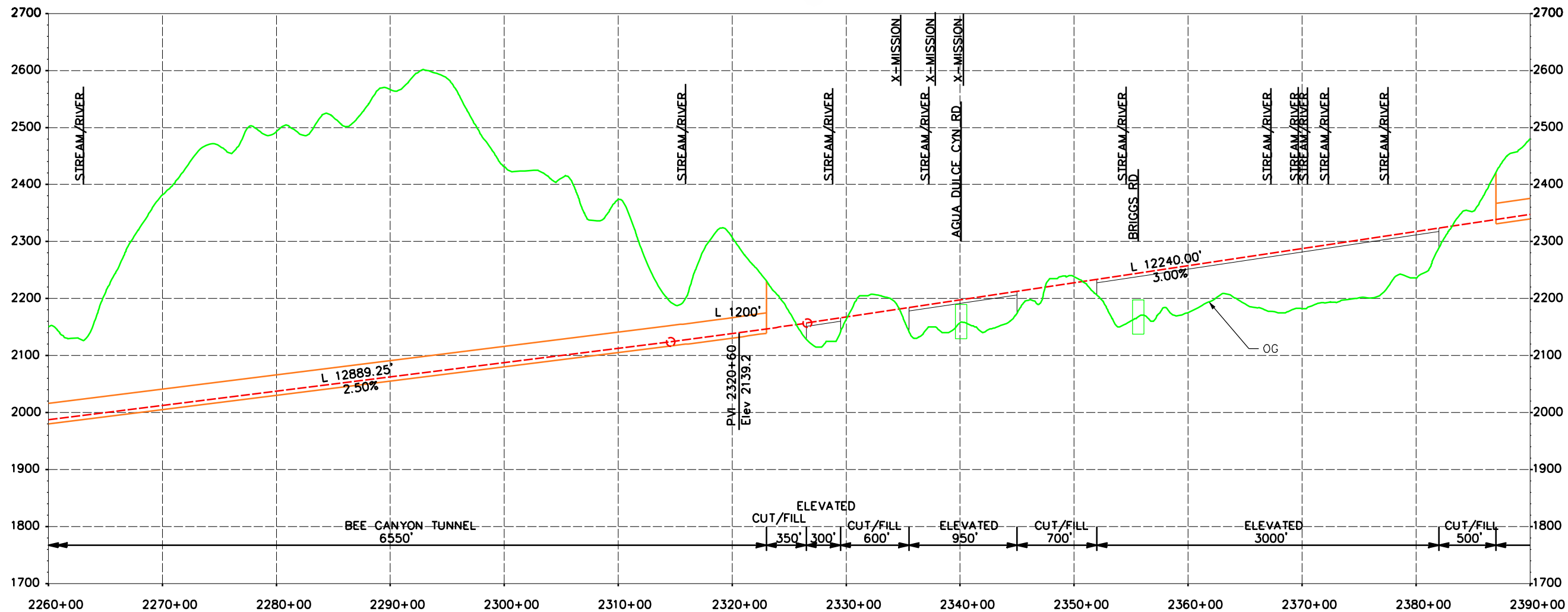
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO PALMDALE**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 2130+00 TO 2260+00

CONTRACT NO.
DRAWING NO. LAP-CB3105
SCALE AS SHOWN
SHEET NO. 6 OF 16

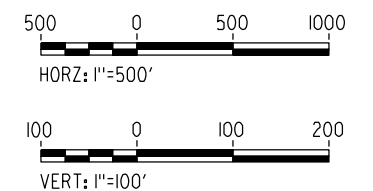
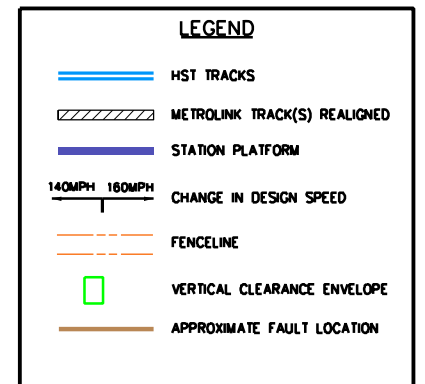
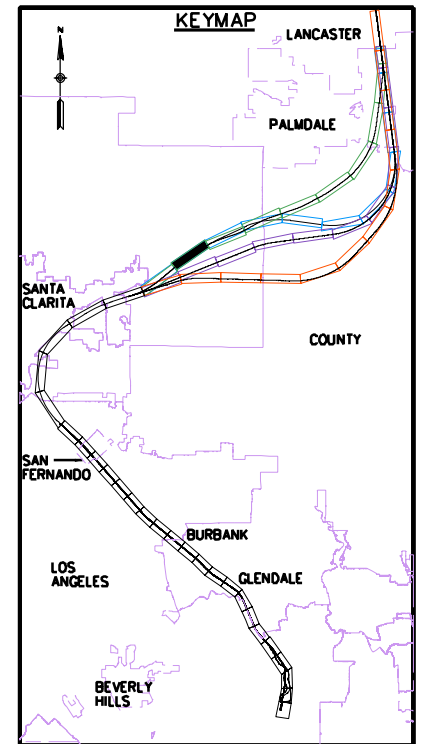
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Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



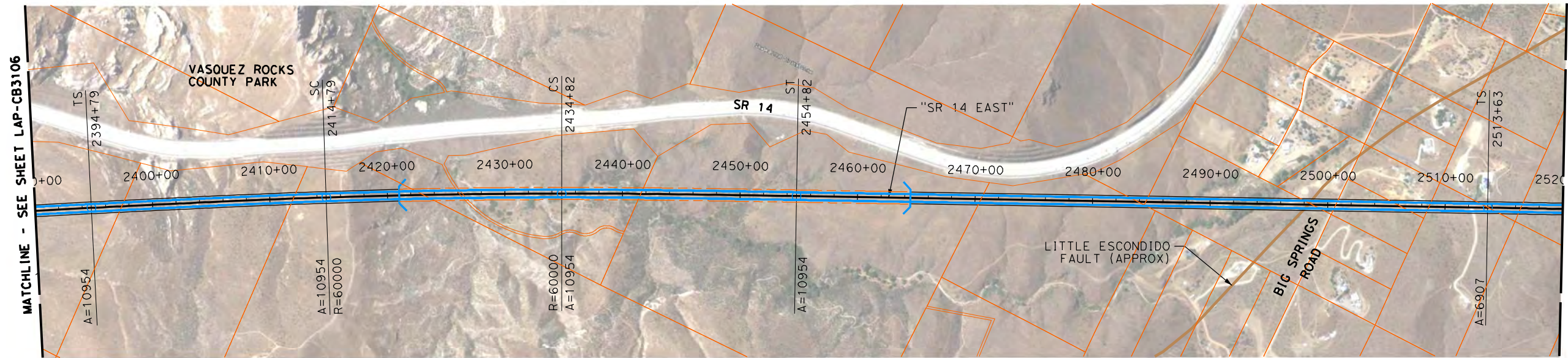
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

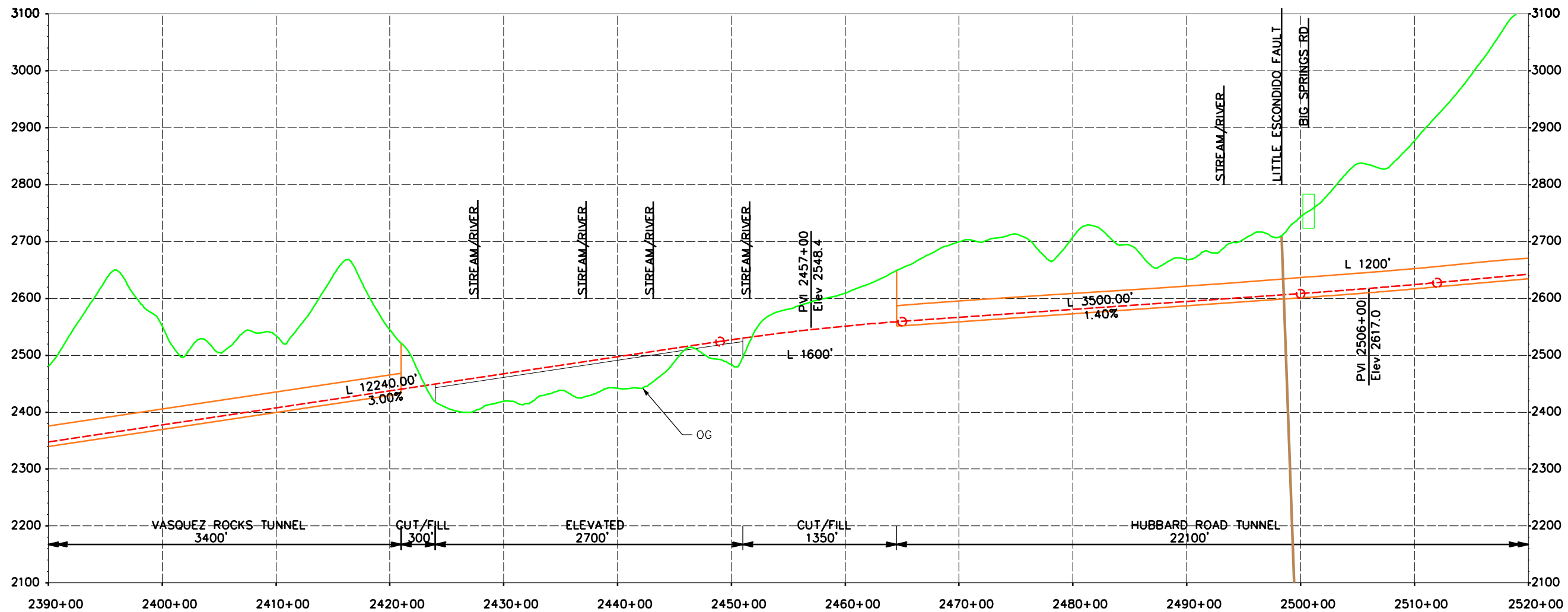
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 2260+00 TO 2390+00

CONTRACT NO.
DRAWING NO. LAP-CB3106
SCALE AS SHOWN
SHEET NO. 7 OF 16

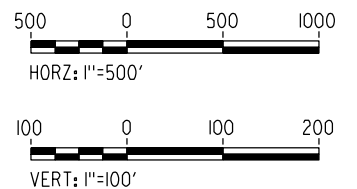
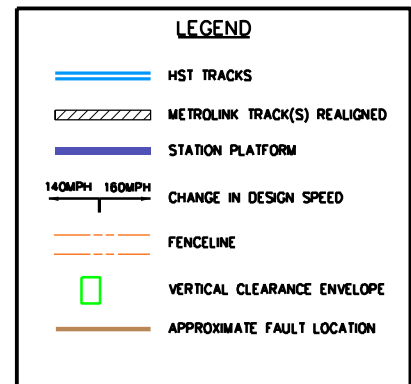
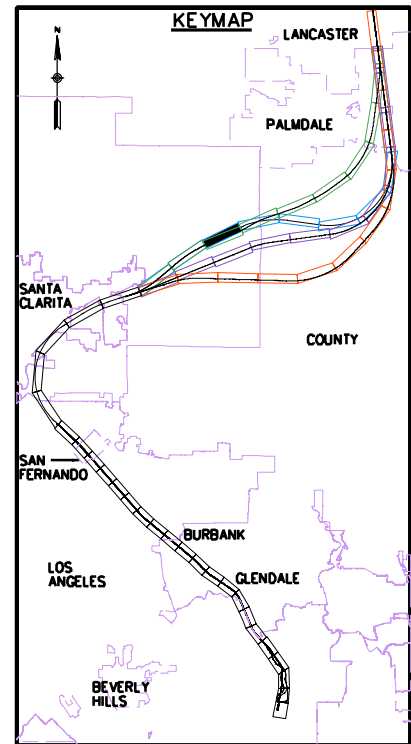
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PLAN



PROFILE

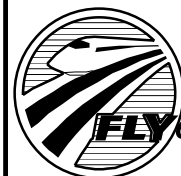


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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
Without ever leaving the ground.

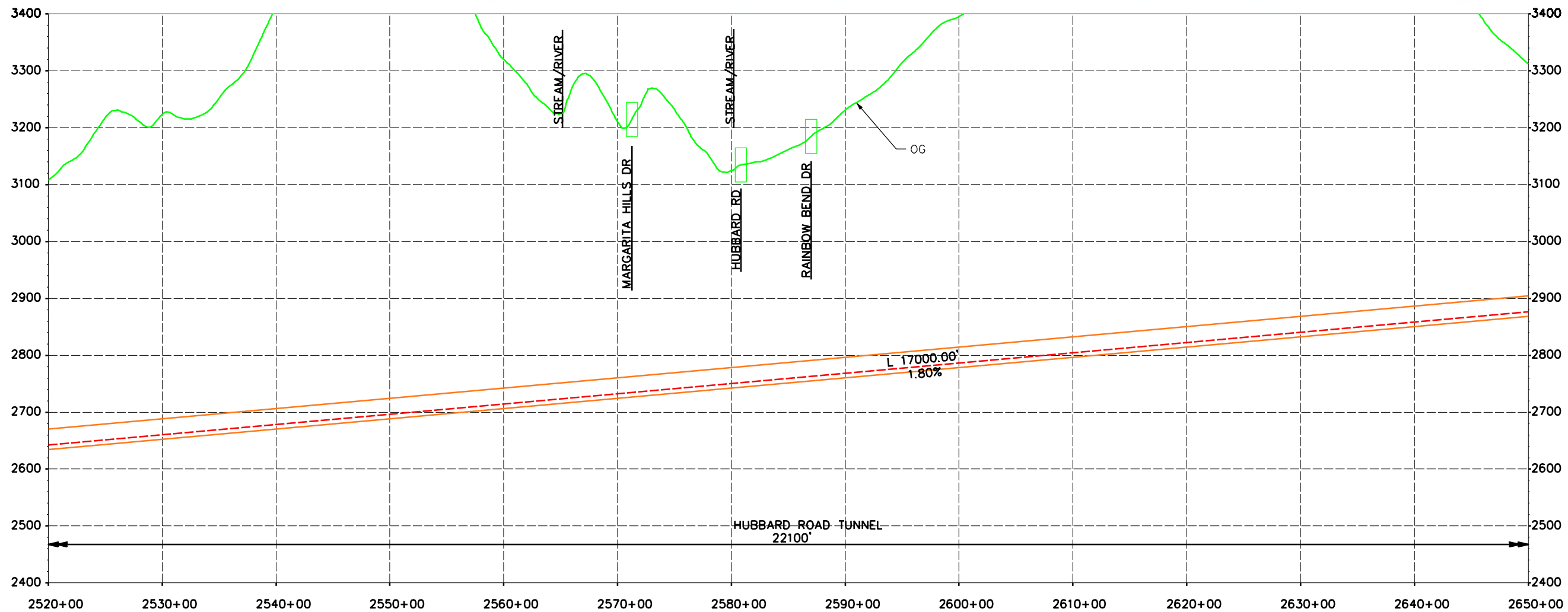
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 2390+00 TO 2520+00

CONTRACT NO.
DRAWING NO. LAP-CB3107
SCALE AS SHOWN
SHEET NO. 8 OF 16

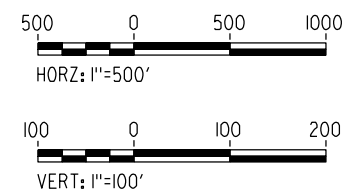
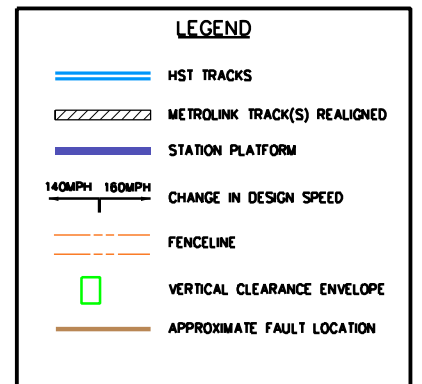
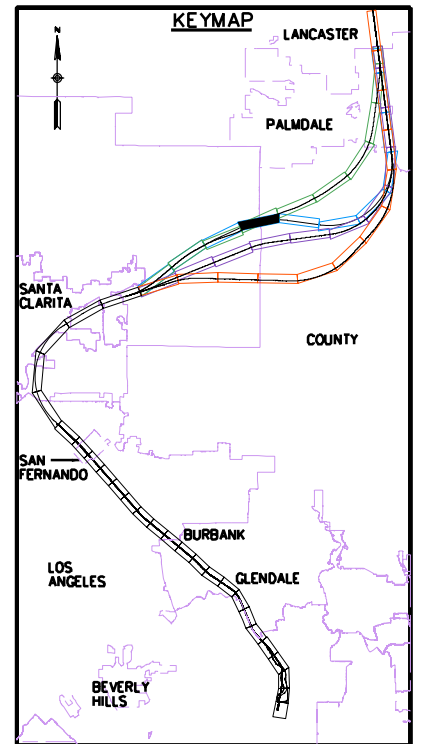
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PLAN



PROFILE



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IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

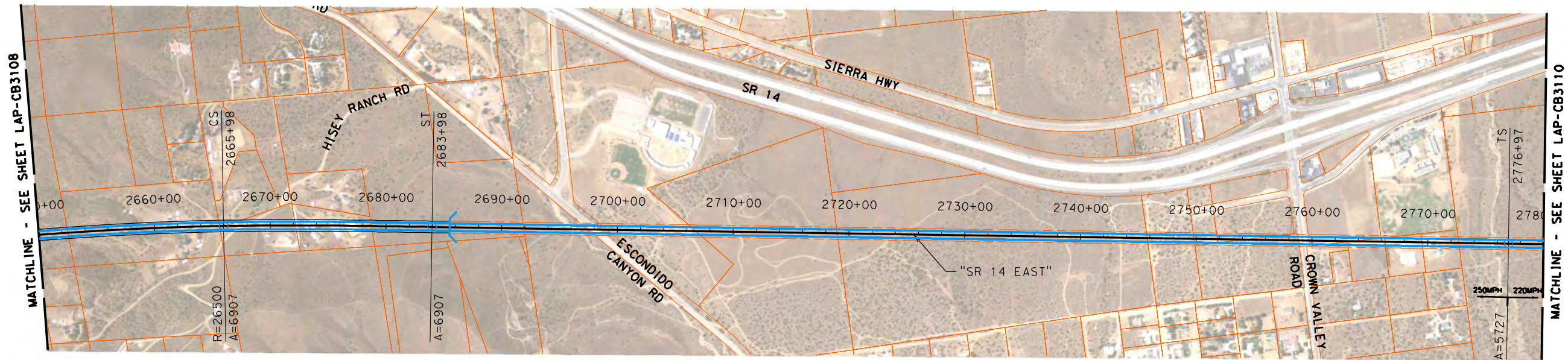


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
Without ever leaving the ground.

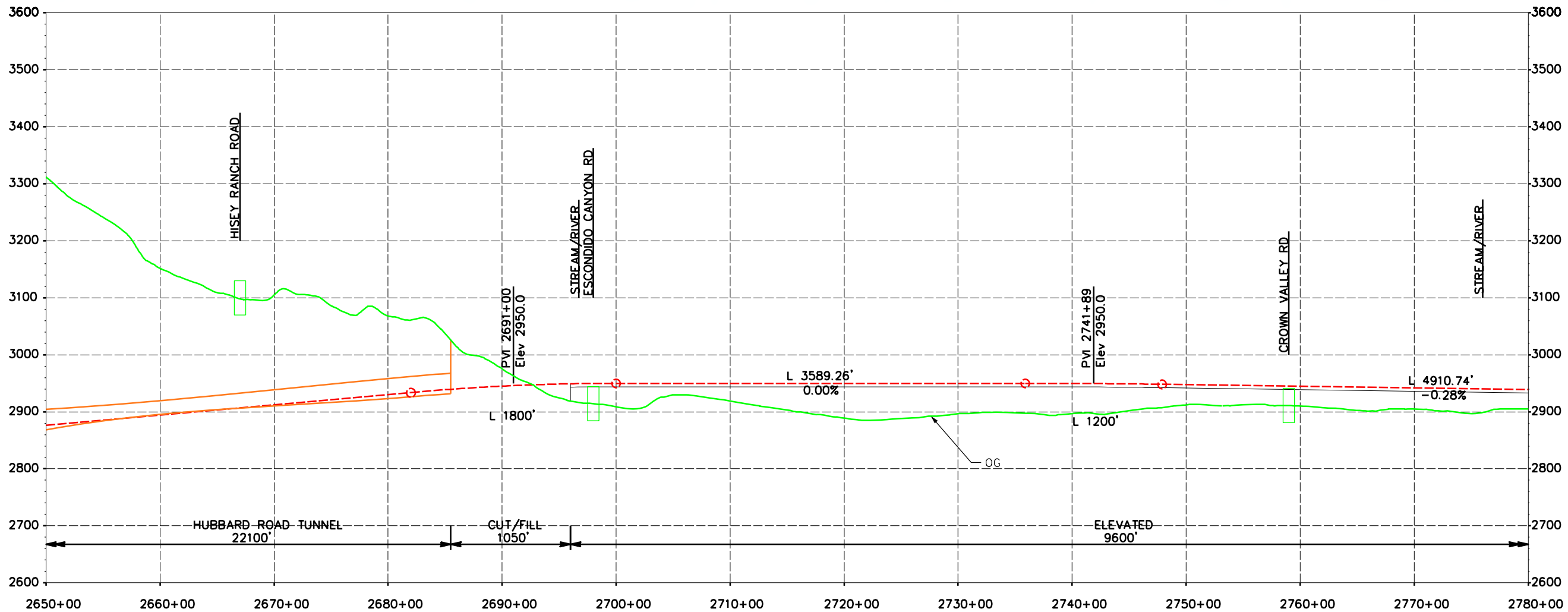
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO PALMDALE**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 2520+00 TO 2650+00

CONTRACT NO.
DRAWING NO. LAP-CB3108
SCALE AS SHOWN
SHEET NO. 9 OF 16

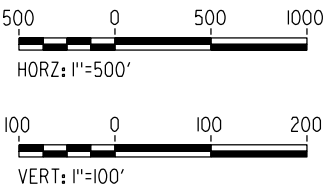
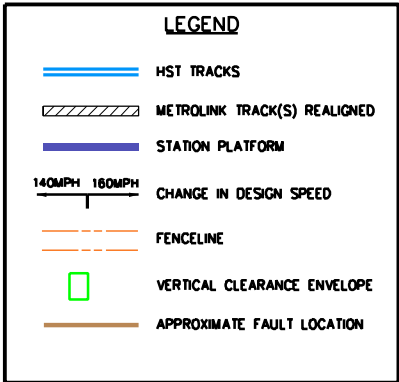
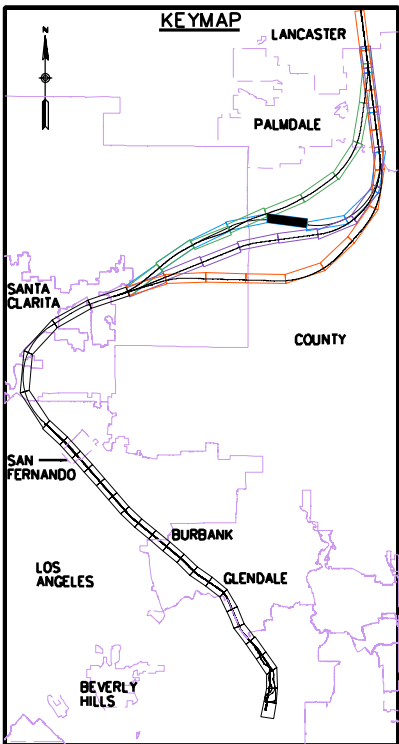
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PLAN



PROFILE



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IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

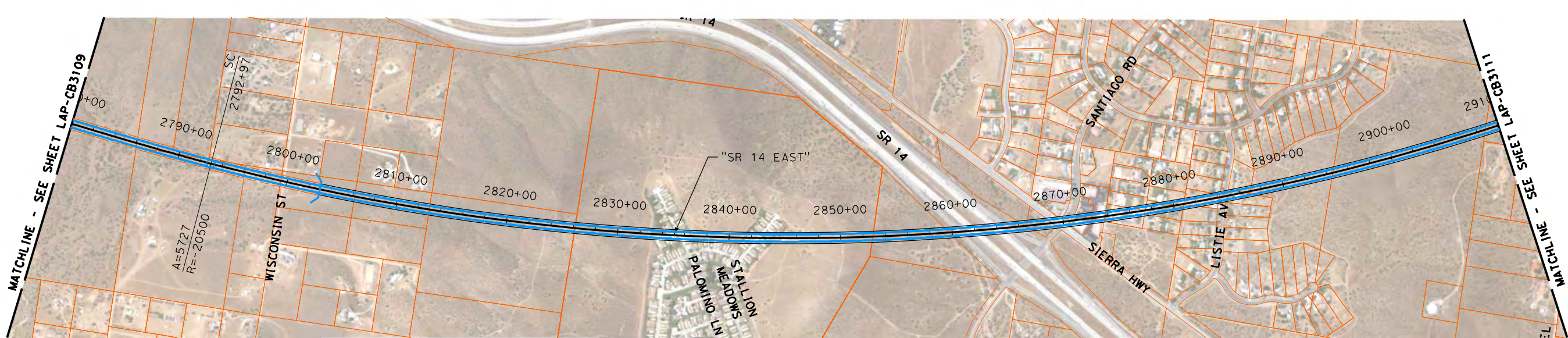


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

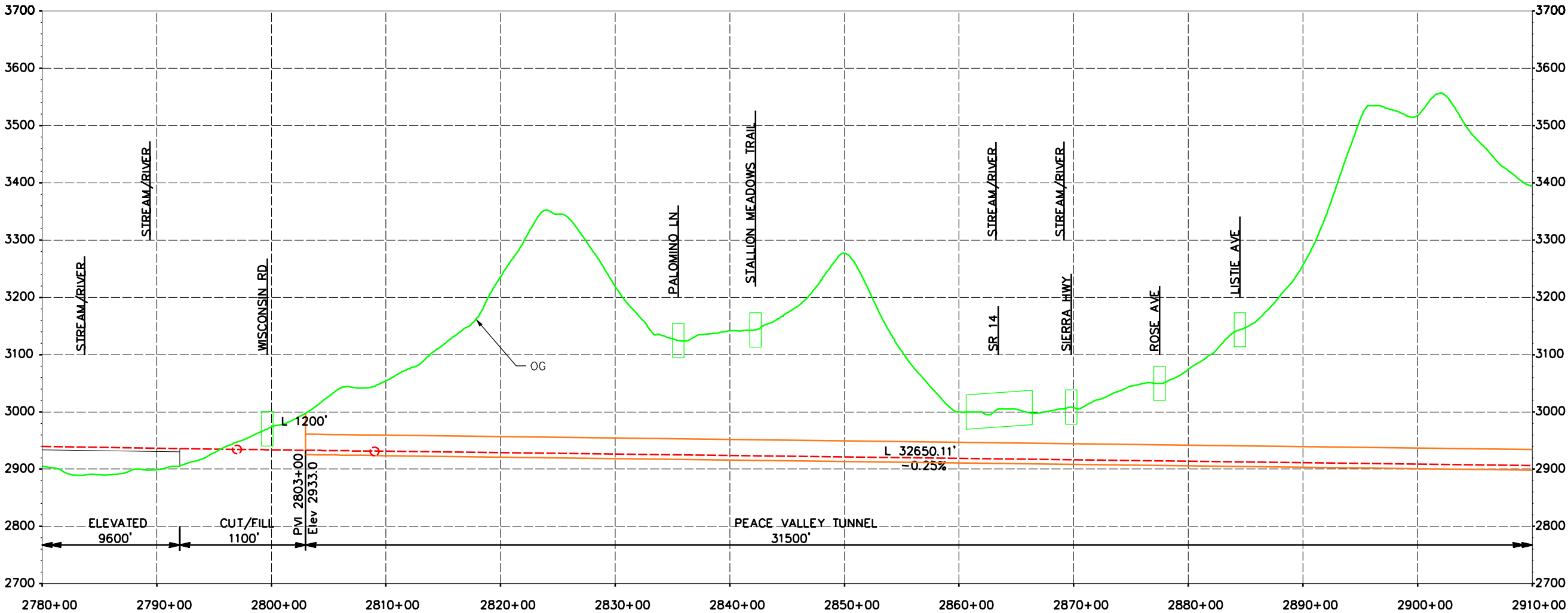
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO PALMDALE**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 2650+00 TO 2780+00

CONTRACT NO.
DRAWING NO. LAP-CB3109
SCALE AS SHOWN
SHEET NO. 10 OF 16

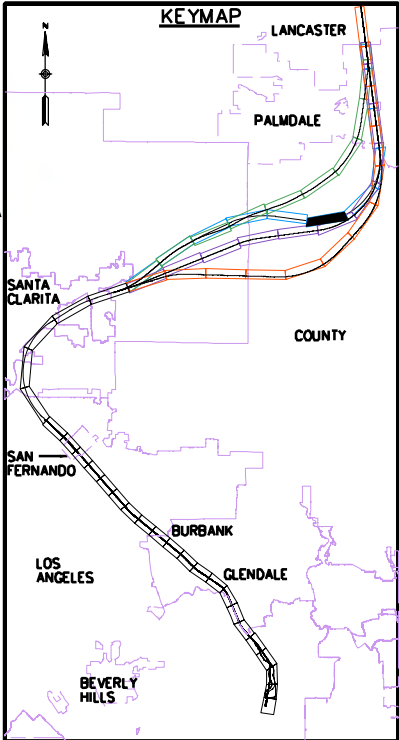
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PLAN

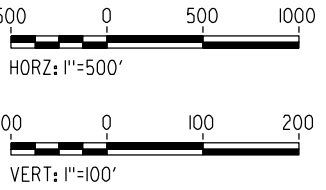


PROFILE



LEGEND

- HST TRACKS
- METROLINK TRACK(S) REALIGNED
- STATION PLATFORM
- CHANGE IN DESIGN SPEED
- FENCELINE
- VERTICAL CLEARANCE ENVELOPE
- APPROXIMATE FAULT LOCATION



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DESIGNED BY
J. ELLIS/C. LEE
DRAWN BY
J. ELLIS/C. LEE
CHECKED BY
M. EADEN
IN CHARGE
J. HAWLEY
DATE
07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
Without ever leaving the ground.

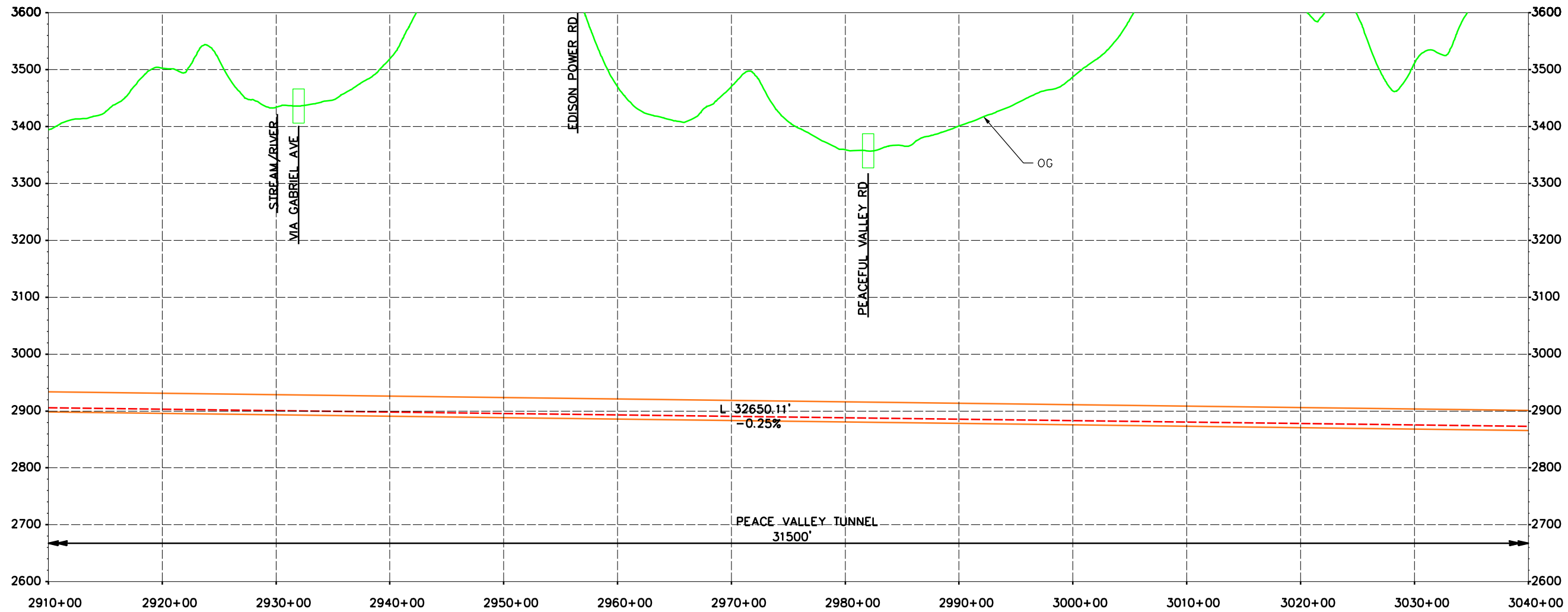
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO PALMDALE**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 2780+00 TO 2910+00

CONTRACT NO.
DRAWING NO.
LAP-CB3110
SCALE
AS SHOWN
SHEET NO.
11 OF 16

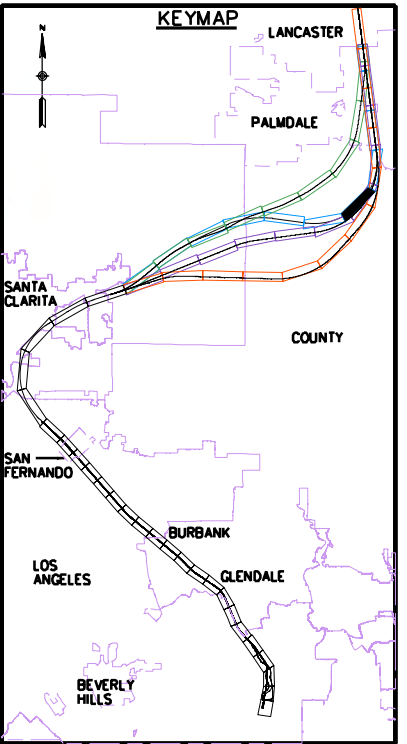
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2010-07-07 17:28:07
james.reilly



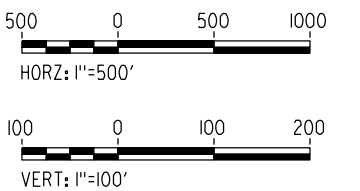
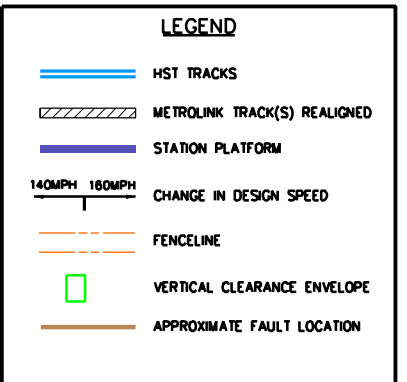
PLAN



PROFILE



KEYMAP



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. ELLIS/C. LEE
DRAWN BY J. ELLIS/C. LEE
CHECKED BY M. EADEN
IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO PALMDALE**

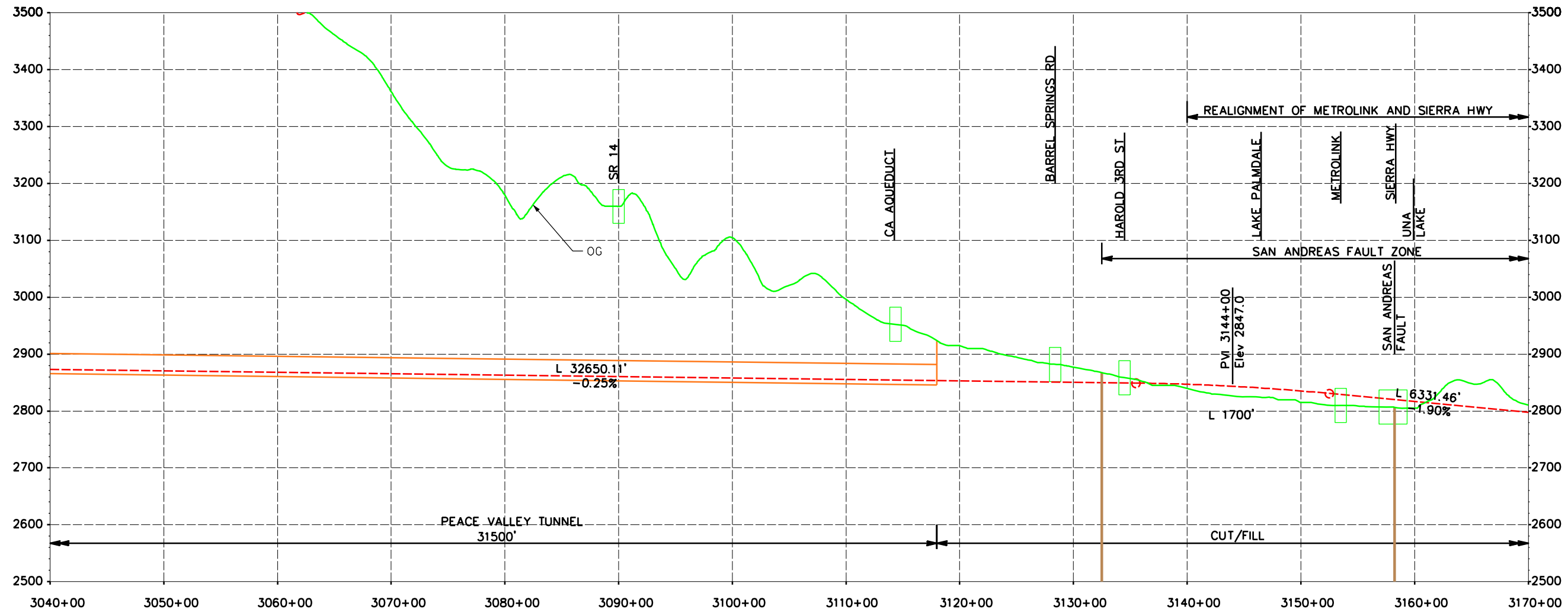
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 2910+00 TO 3040+00

CONTRACT NO.
DRAWING NO. LAP-CB3111
SCALE AS SHOWN
SHEET NO. 12 OF 16

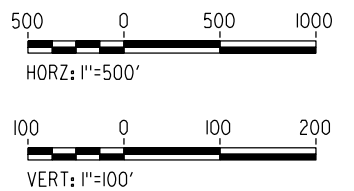
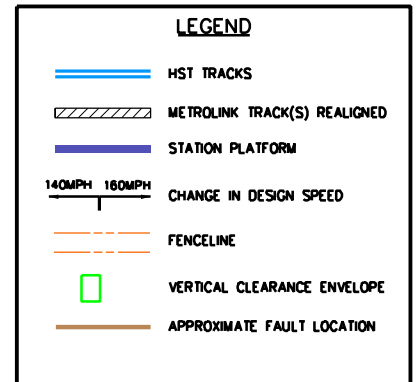
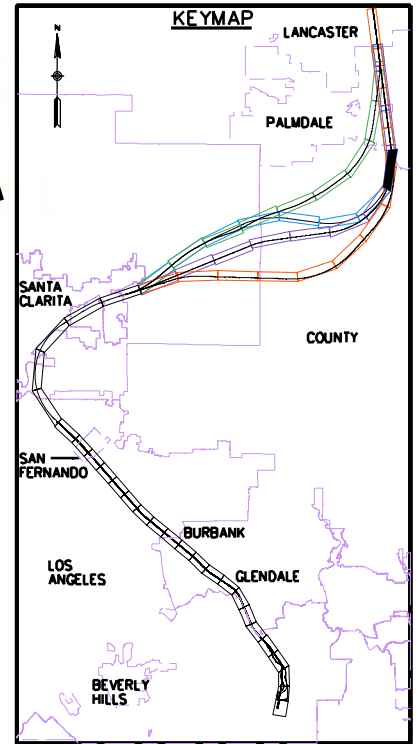
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PLAN



PROFILE



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CHECKED BY M. EADEN
IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



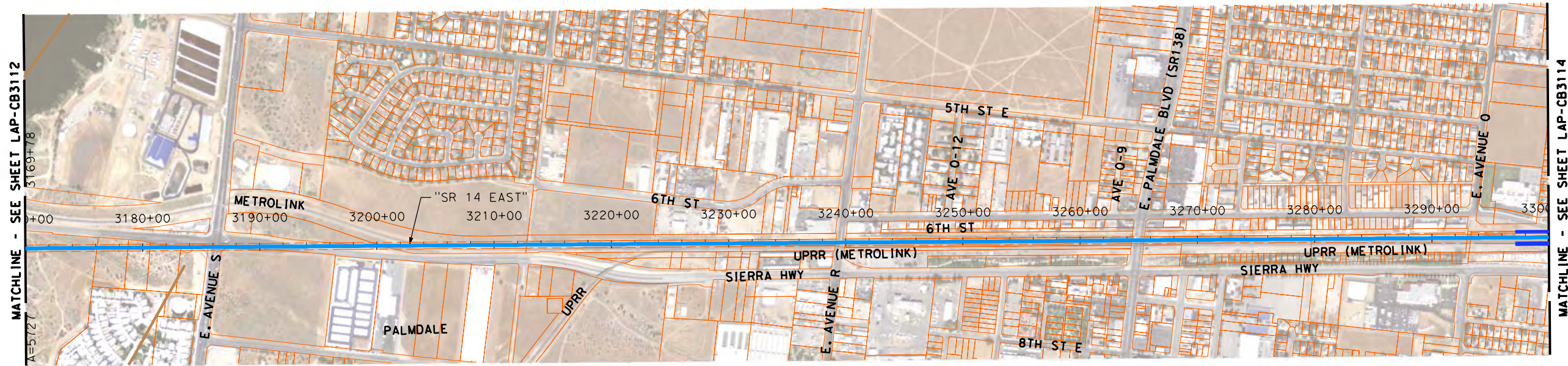
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FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

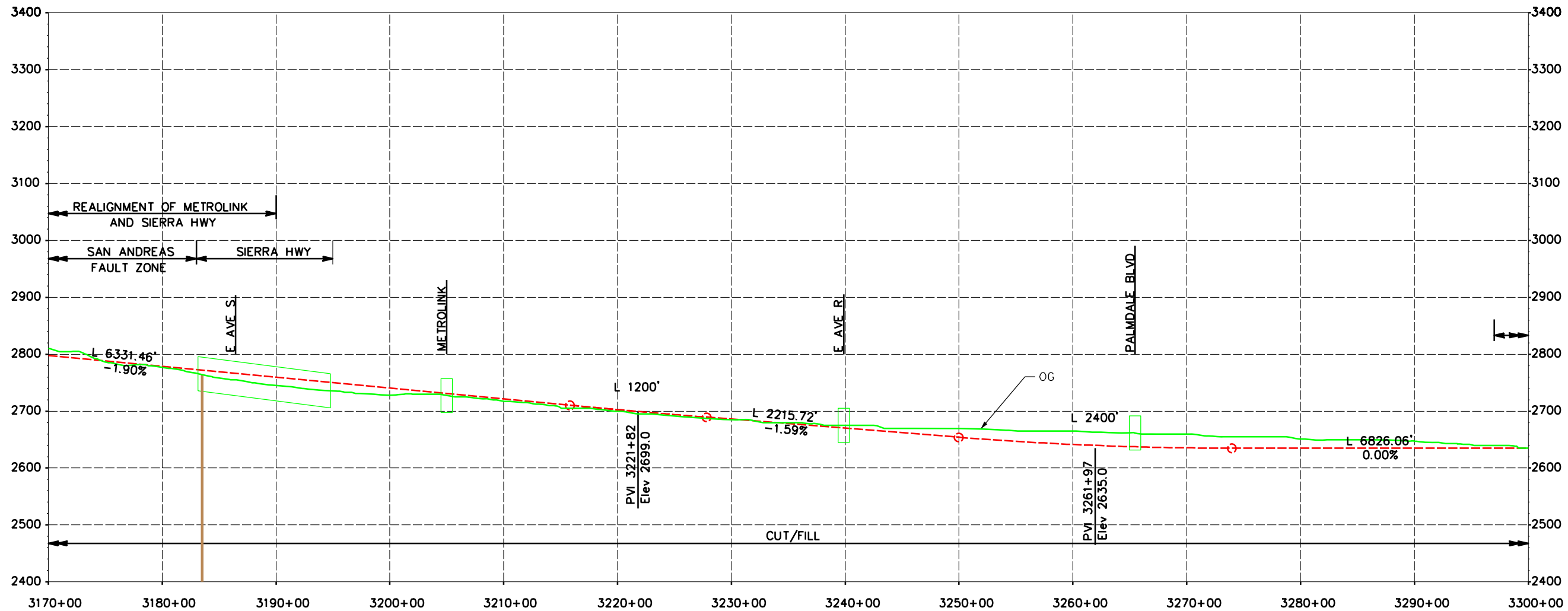
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SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 3040+00 TO 3170+00

CONTRACT NO.
DRAWING NO. LAP-CB3112
SCALE AS SHOWN
SHEET NO. 13 OF 16

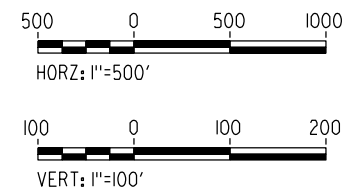
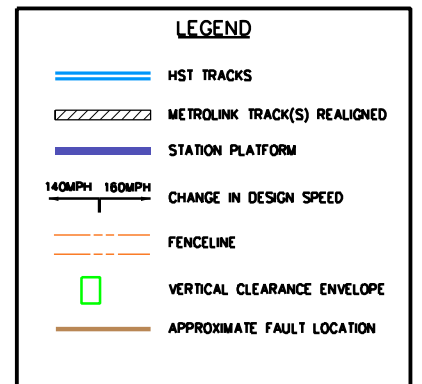
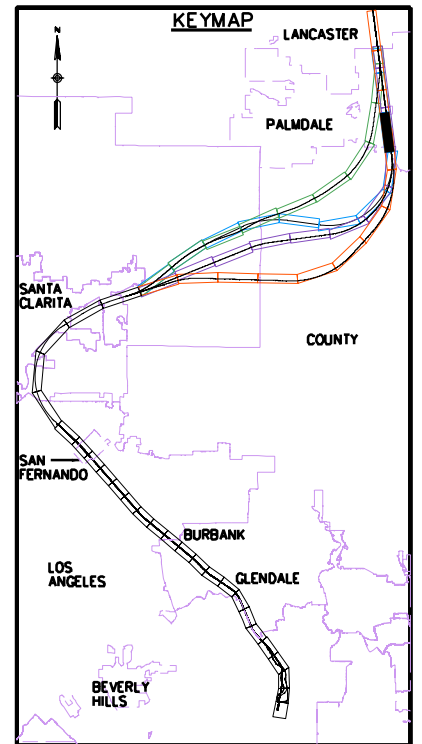
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PLAN



PROFILE



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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



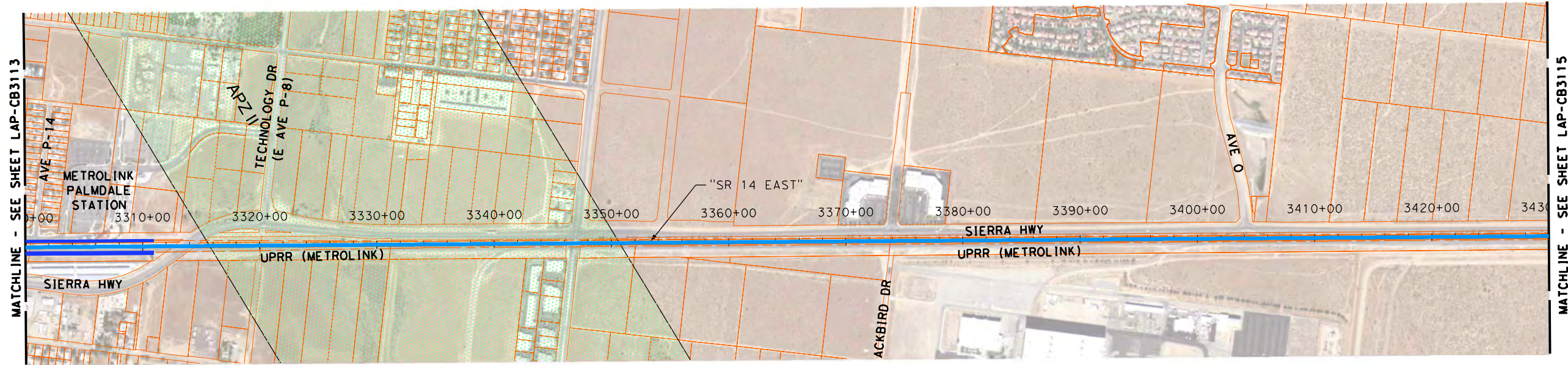
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

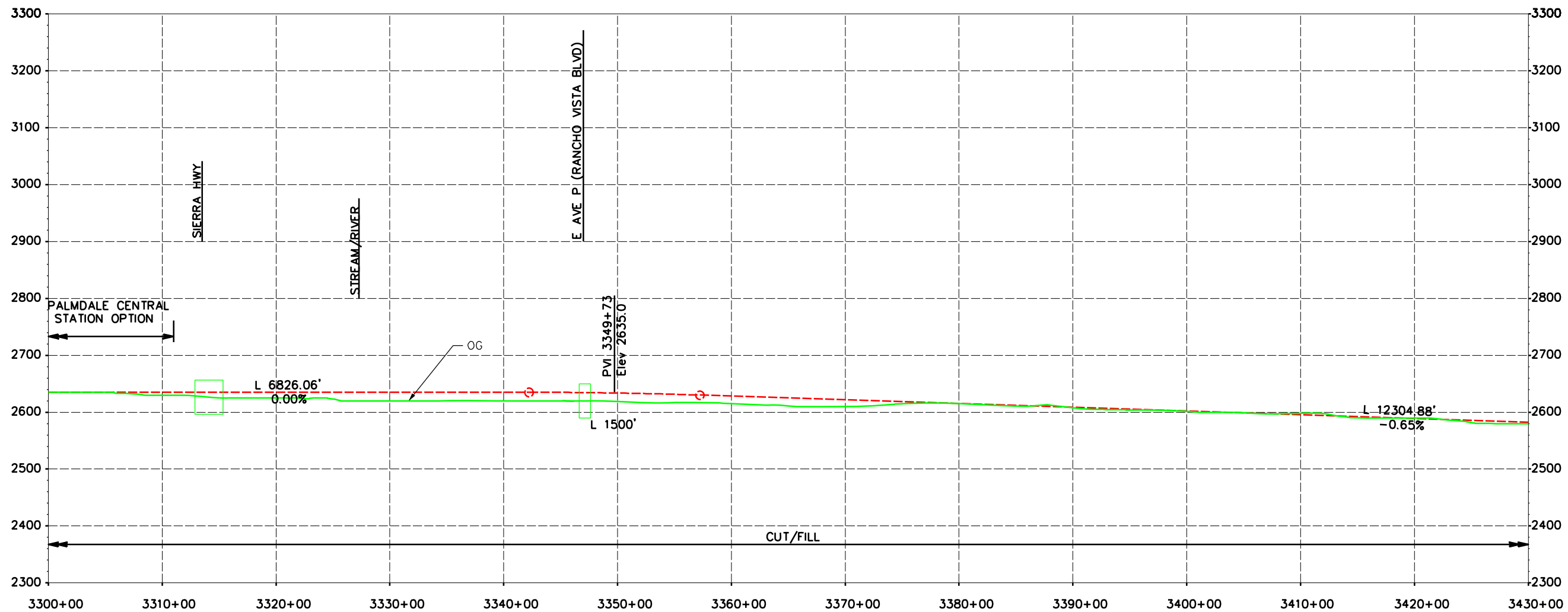
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SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 3170+00 TO 3300+00

CONTRACT NO.
DRAWING NO. LAP-CB3113
SCALE AS SHOWN
SHEET NO. 14 OF 16

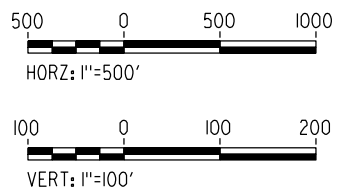
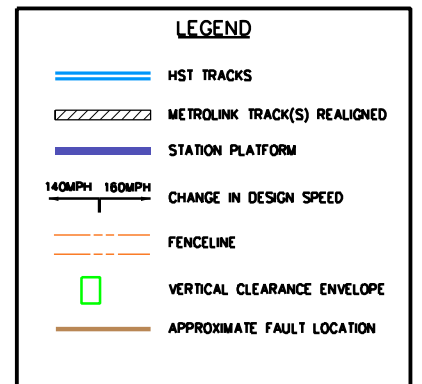
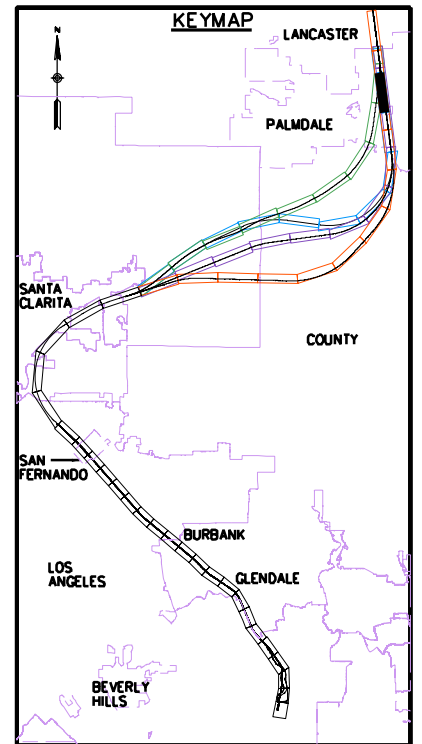
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PLAN



PROFILE



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J. ELLIS/C. LEE
CHECKED BY
M. EADEN
IN CHARGE
J. HAWLEY
DATE
07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

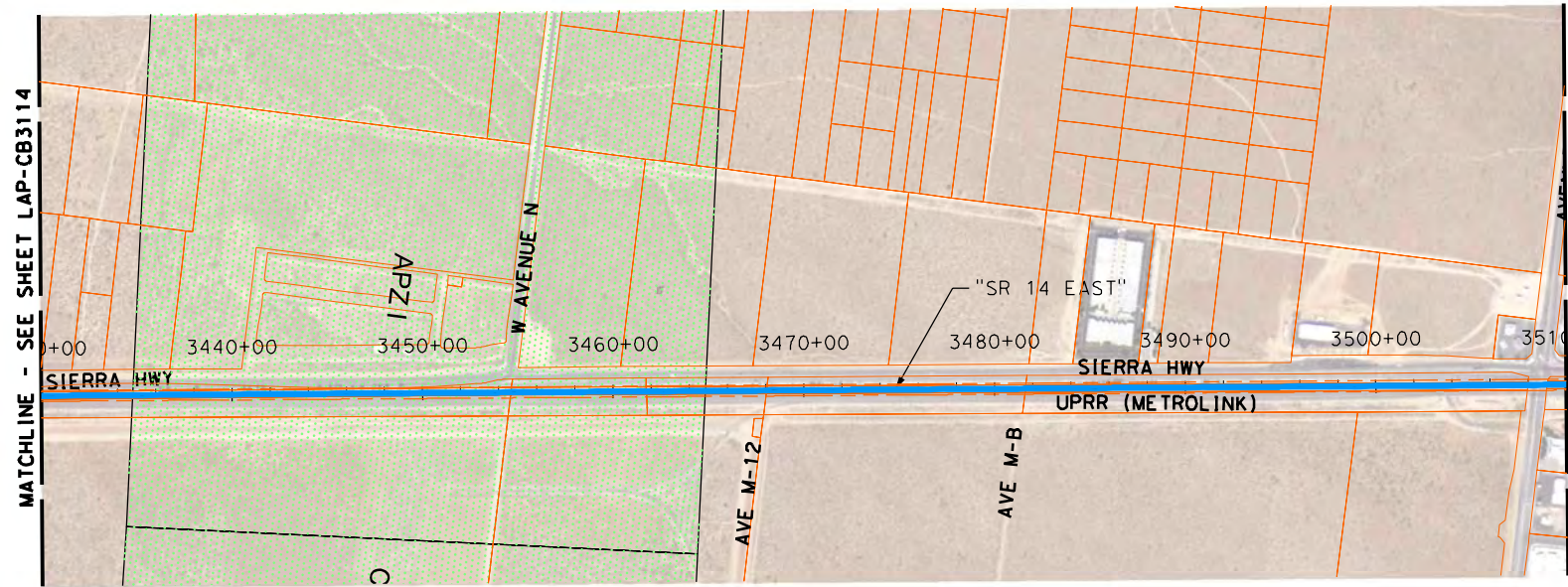


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

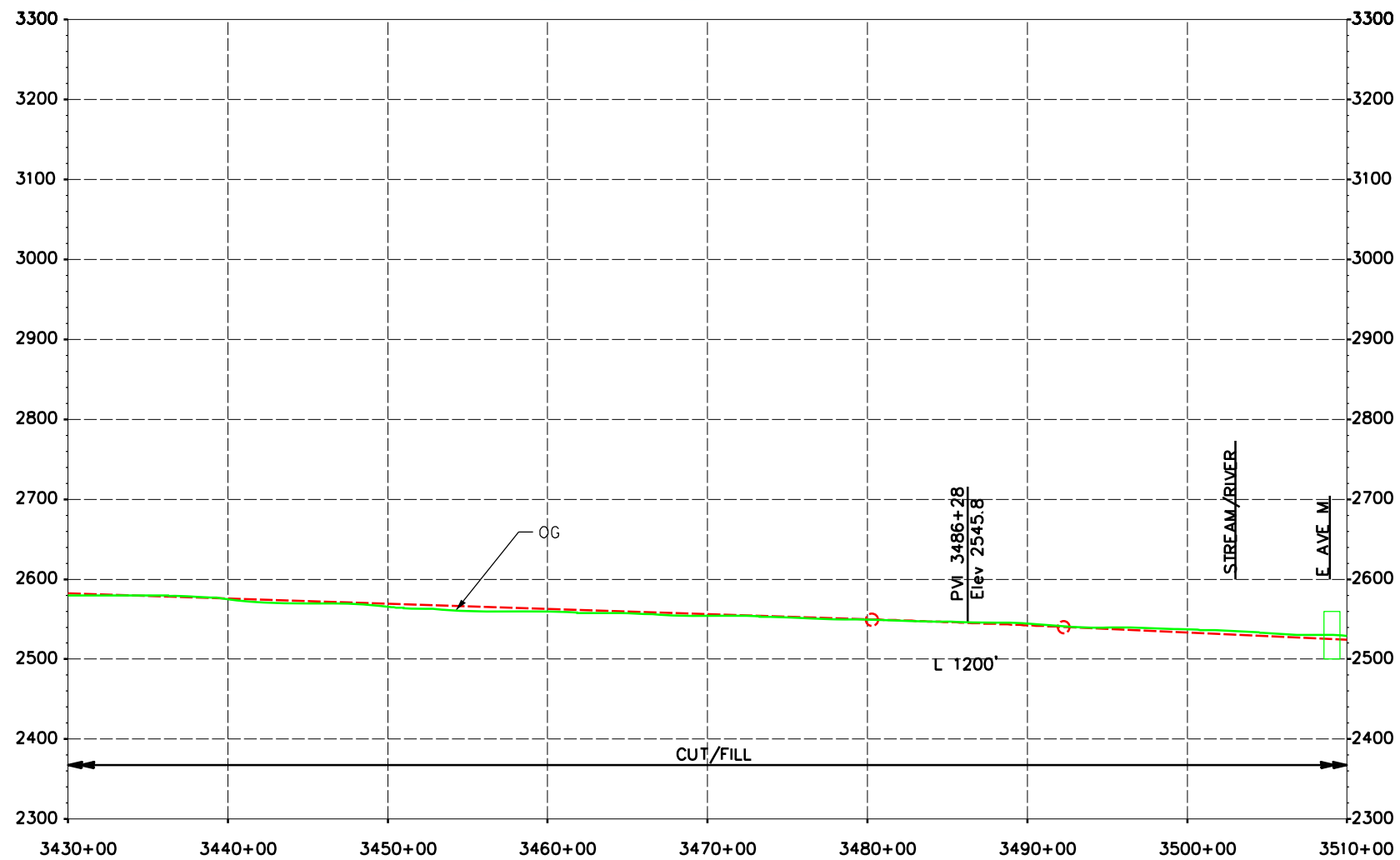
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 3300+00 TO 3430+00

CONTRACT NO.
DRAWING NO.
LAP-CB3114
SCALE
AS SHOWN
SHEET NO.
15 OF 16

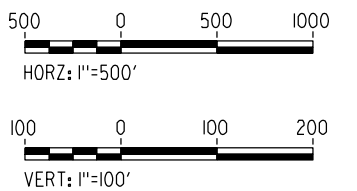
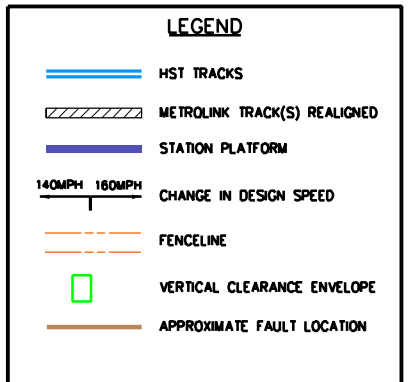
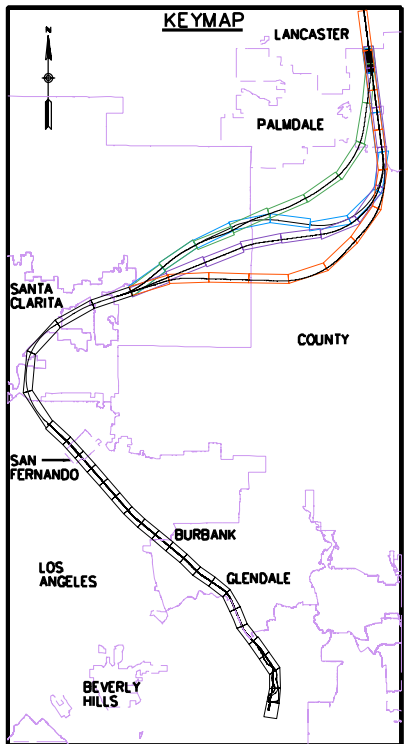
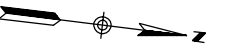
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PLAN



PROFILE

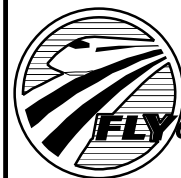


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CHECKED BY M. EADEN
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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

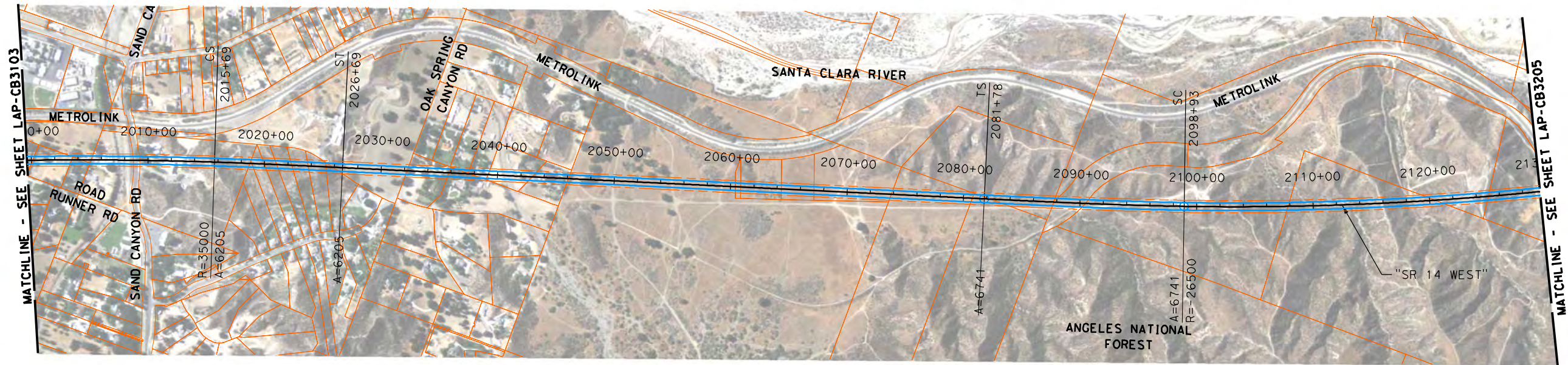


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

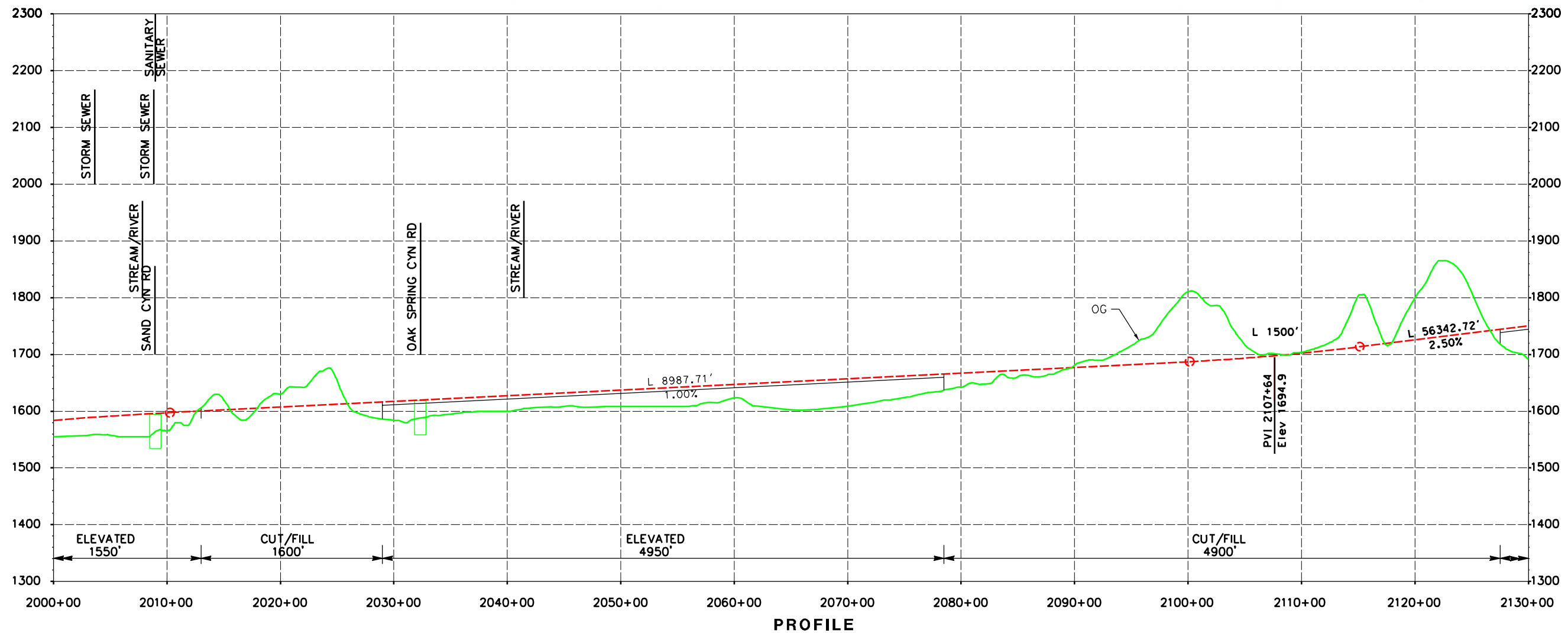
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO PALMDALE**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 EAST"
PLAN & PROFILE
STA 3430+00 TO END

CONTRACT NO.
DRAWING NO. LAP-CB3115
SCALE AS SHOWN
SHEET NO. 16 OF 16

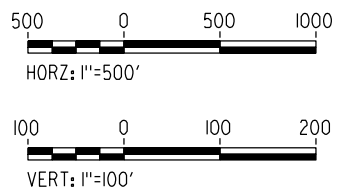
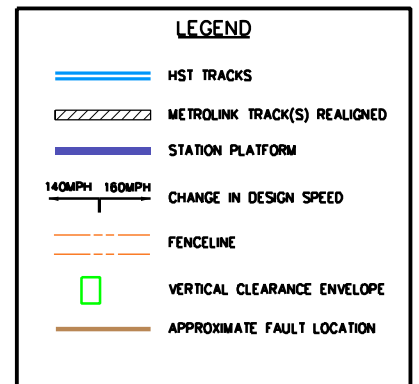
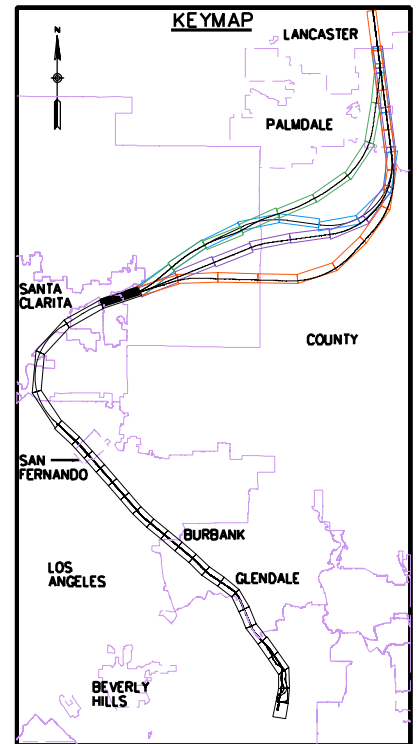
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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

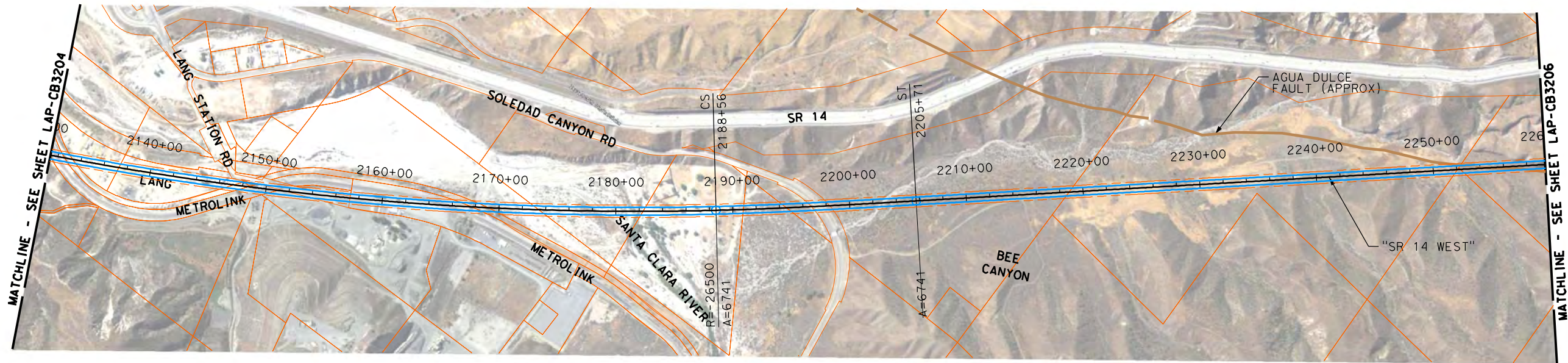


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

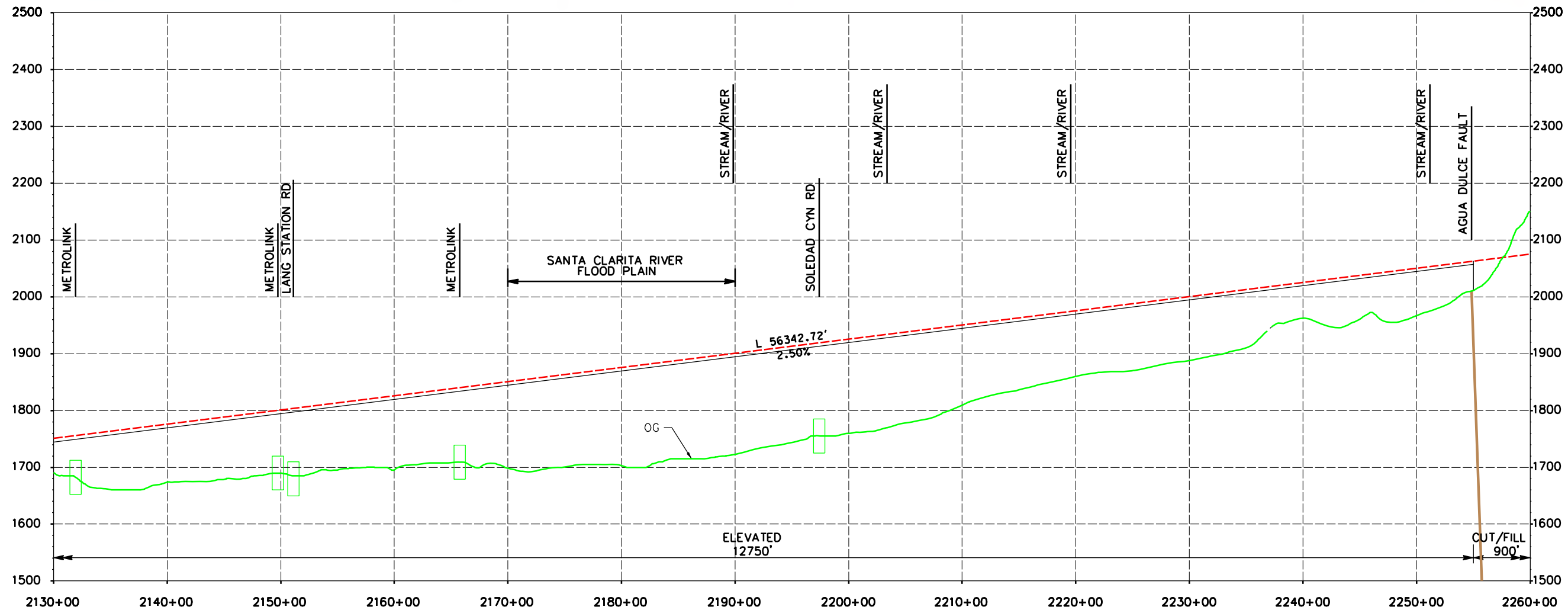
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 WEST"
PLAN & PROFILE
STA 2000+00 TO 2130+00

CONTRACT NO.
DRAWING NO. LAP-CB3204
SCALE AS SHOWN
SHEET NO. 5 OF 15

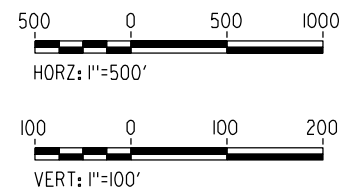
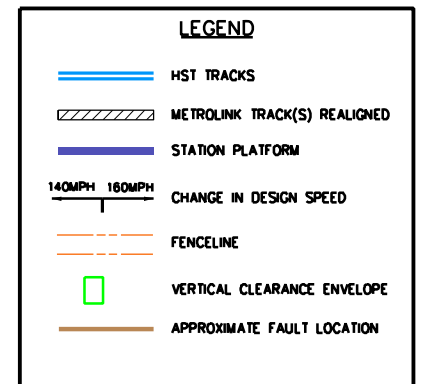
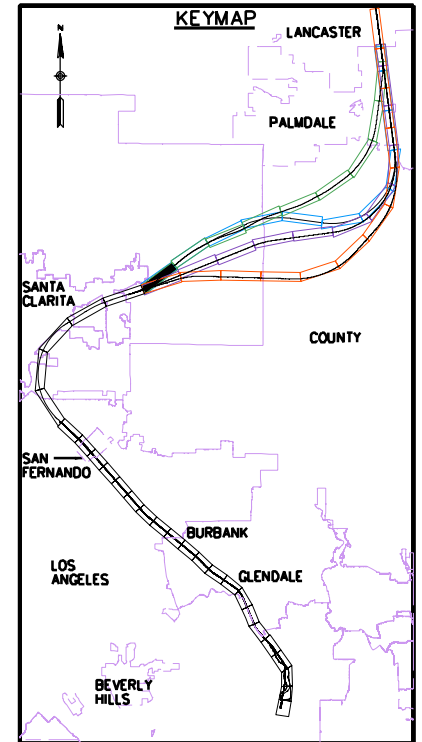
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PLAN



PROFILE



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IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
Without ever leaving the ground.

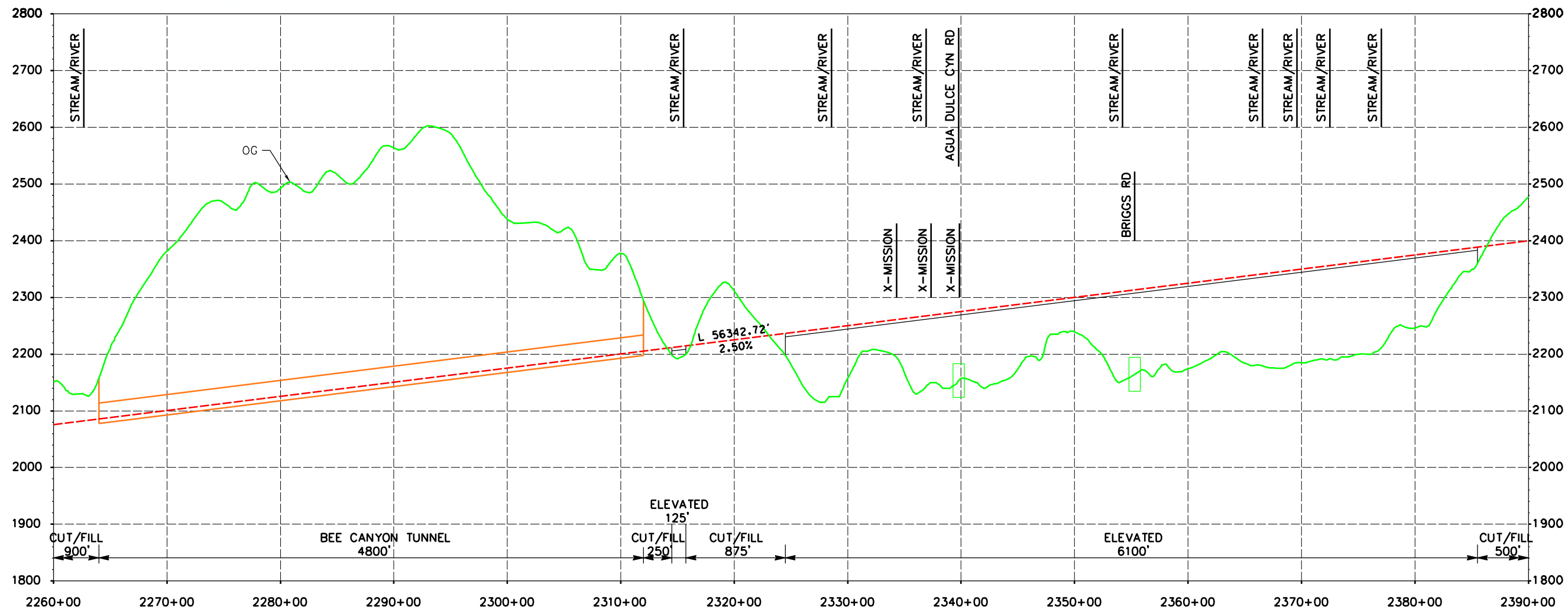
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 WEST"
PLAN & PROFILE
STA 2130+00 TO 2260+00

CONTRACT NO.
DRAWING NO. LAP-CB3205
SCALE AS SHOWN
SHEET NO. 6 OF 15

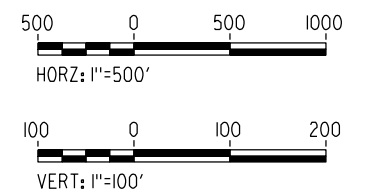
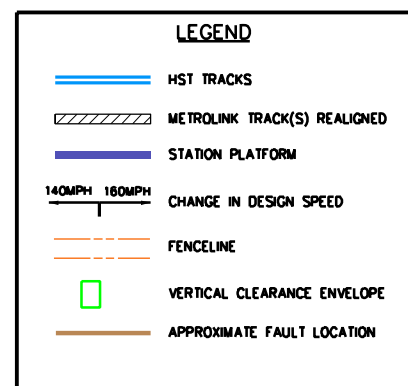
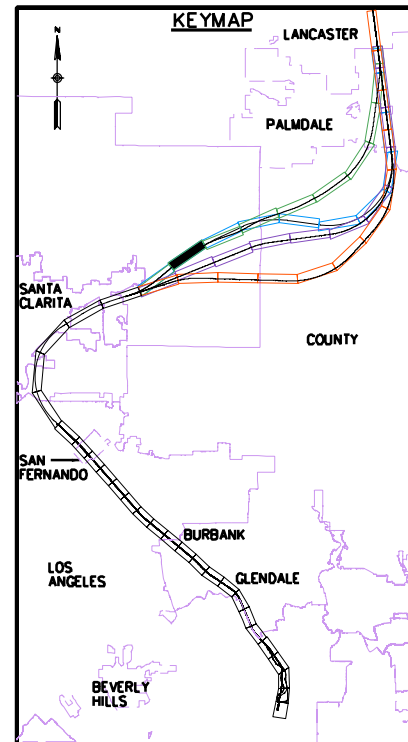
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IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

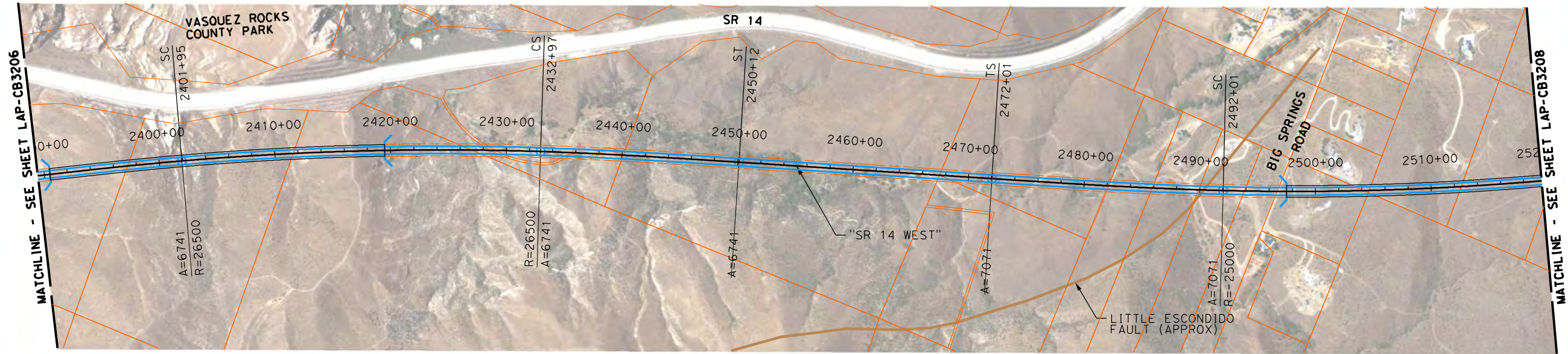


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
Without ever leaving the ground.

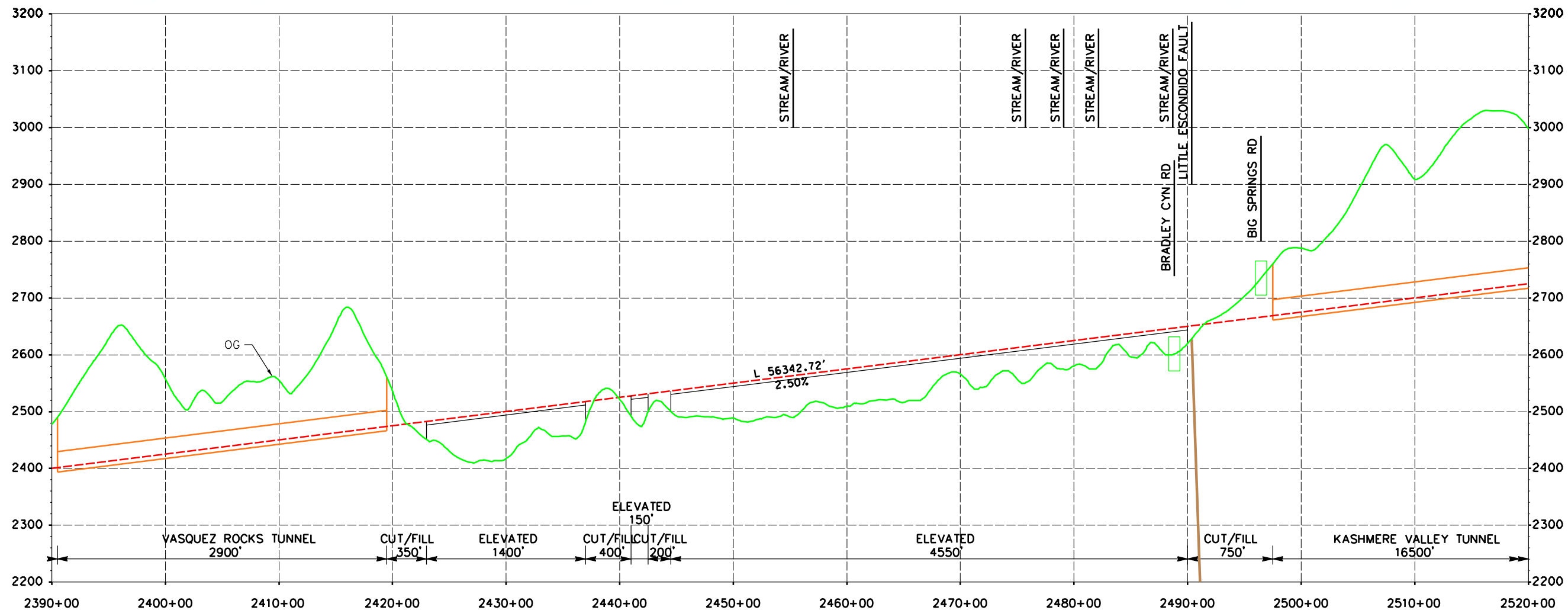
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 WEST"
PLAN & PROFILE
STA 2260+00 TO 2390+00

CONTRACT NO.
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SCALE AS SHOWN
SHEET NO. 7 OF 15

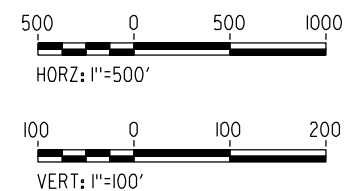
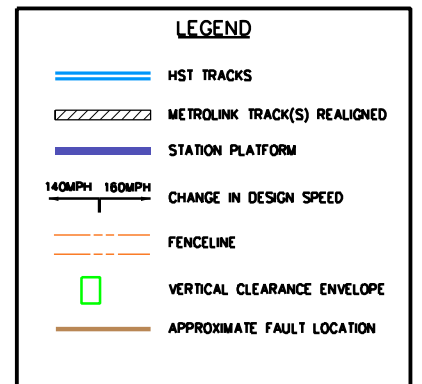
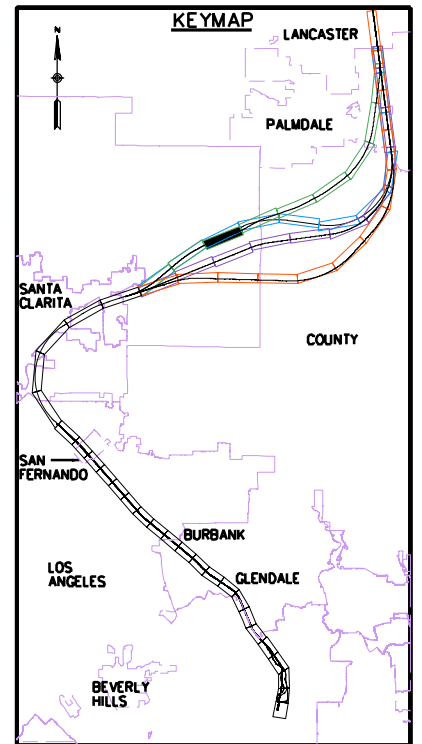
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IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

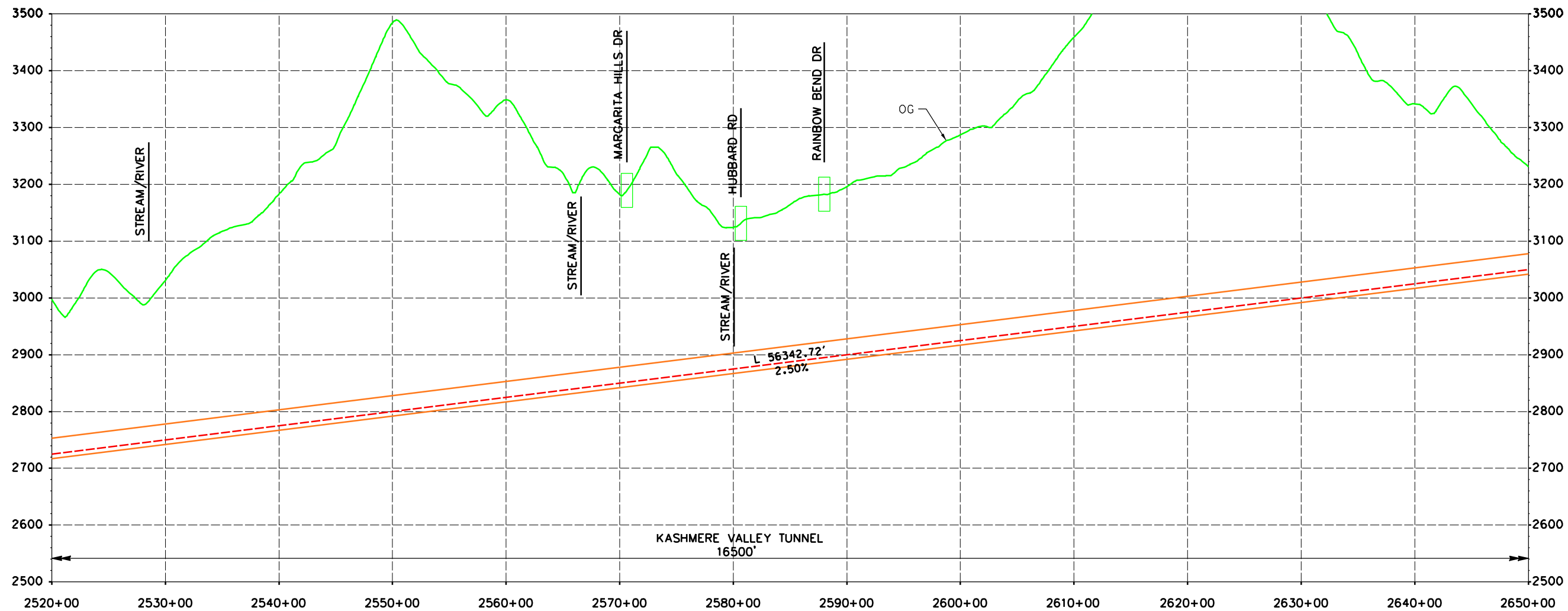
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 WEST"
PLAN & PROFILE
STA 2390+00 TO 2520+00

CONTRACT NO.
DRAWING NO. LAP-CB3207
SCALE AS SHOWN
SHEET NO. 8 OF 15

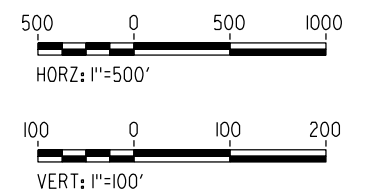
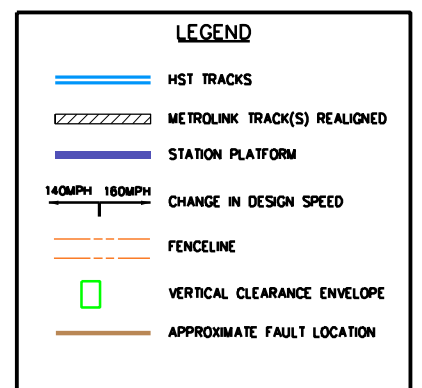
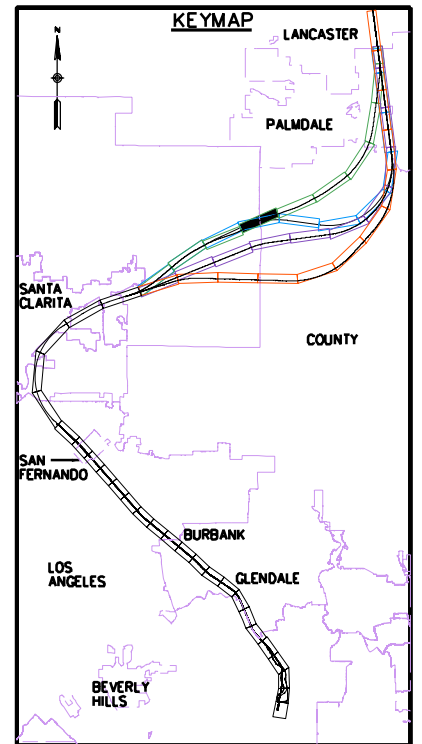
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PLAN



PROFILE

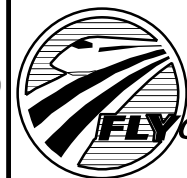


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. ELLIS/C. LEE
DRAWN BY J. ELLIS/C. LEE
CHECKED BY M. EADEN
IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

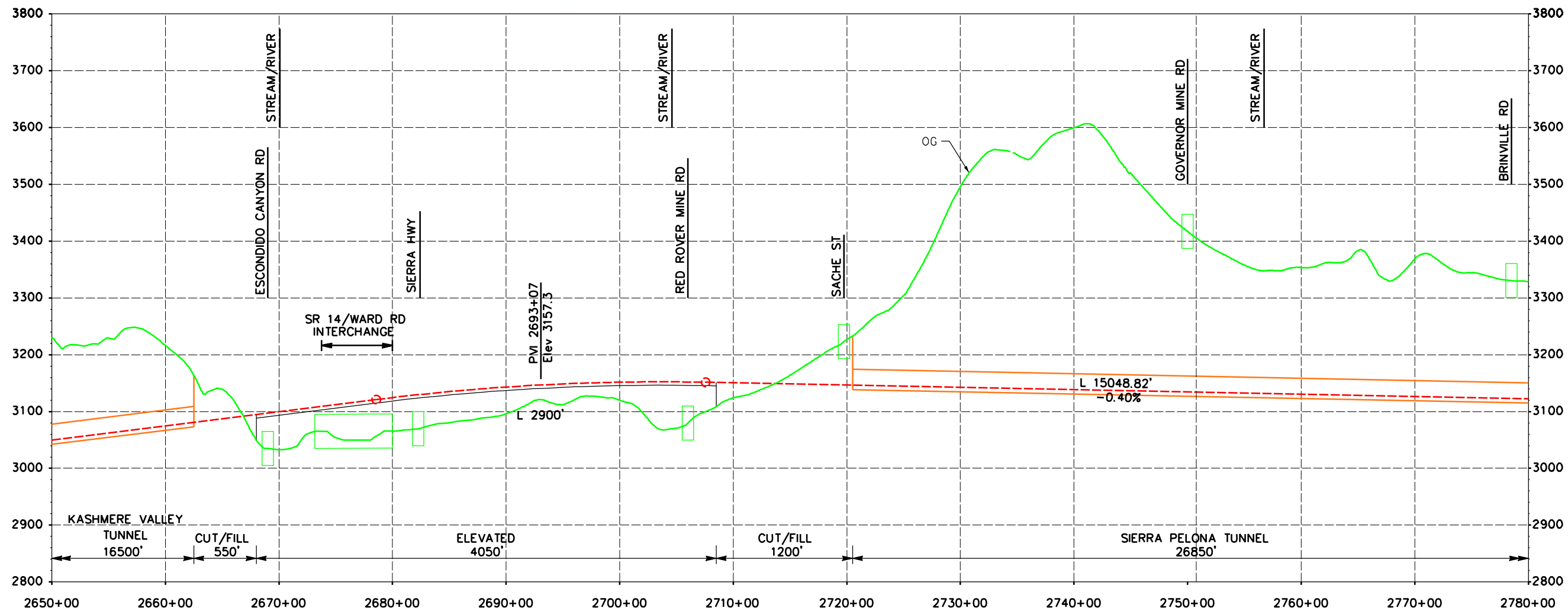
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 WEST"
PLAN & PROFILE
STA 2520+00 TO 2650+00

CONTRACT NO.
DRAWING NO. LAP-CB3208
SCALE AS SHOWN
SHEET NO. 9 OF 15

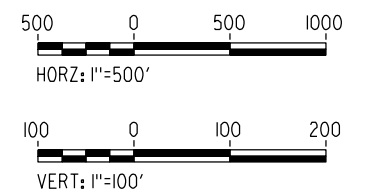
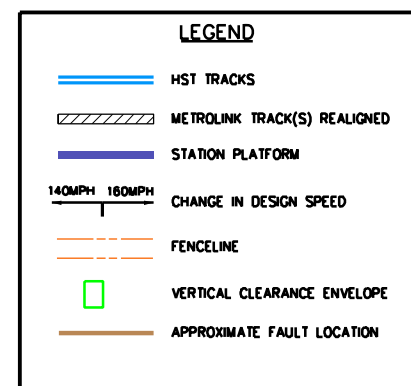
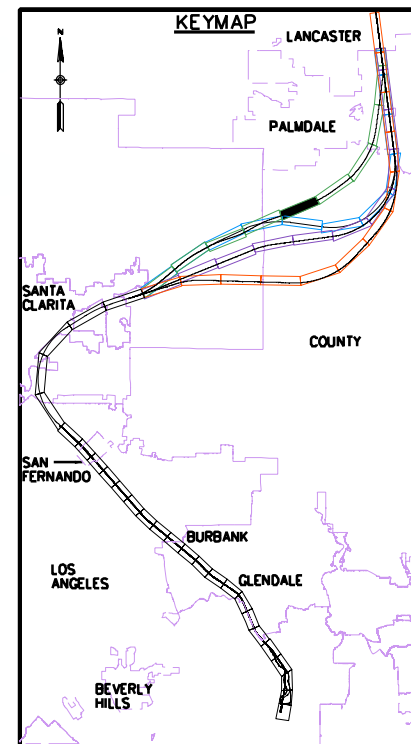
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CHECKED BY M. EADEN
IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

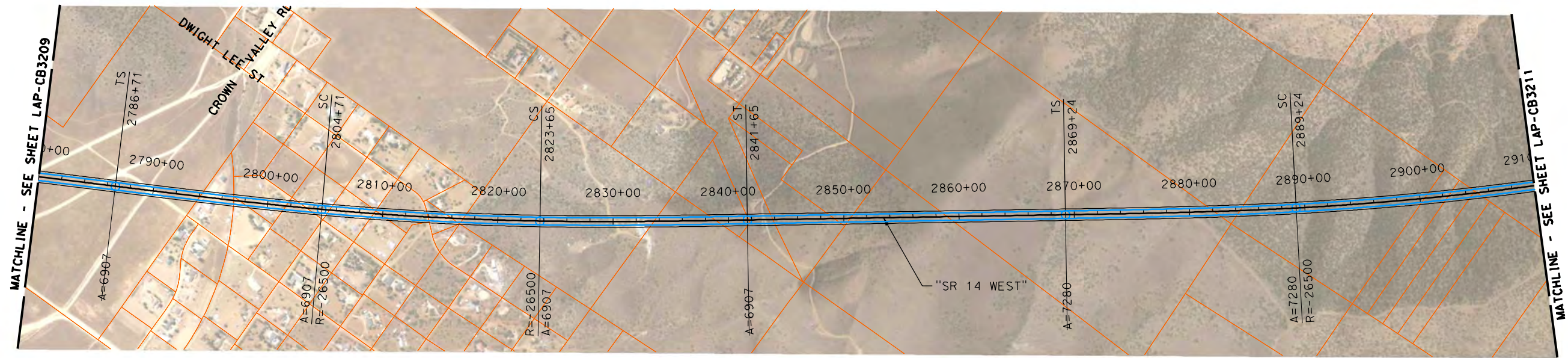


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

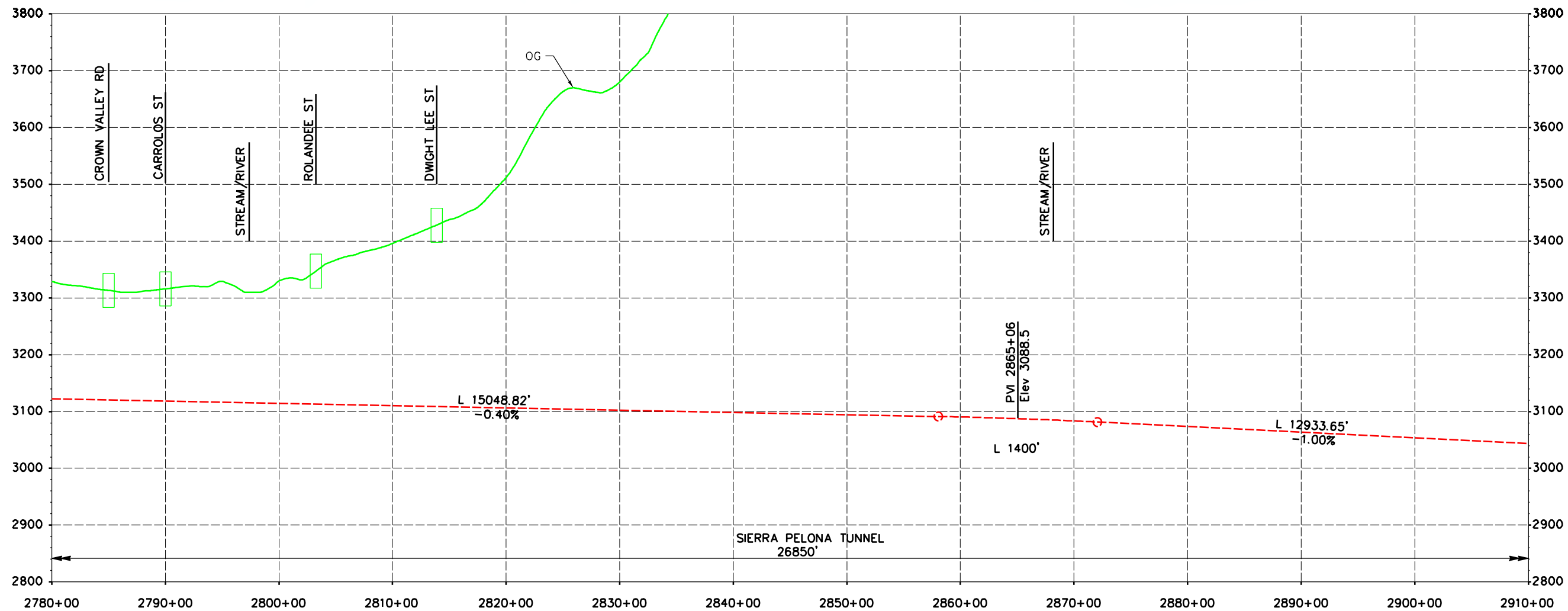
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 WEST"
PLAN & PROFILE
STA 2650+00 TO 2780+00

CONTRACT NO.
DRAWING NO. LAP-CB3209
SCALE AS SHOWN
SHEET NO. 10 OF 15

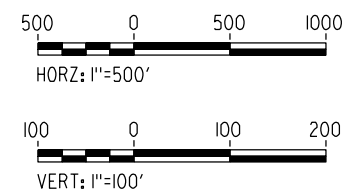
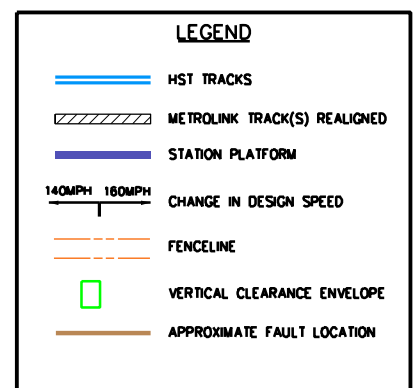
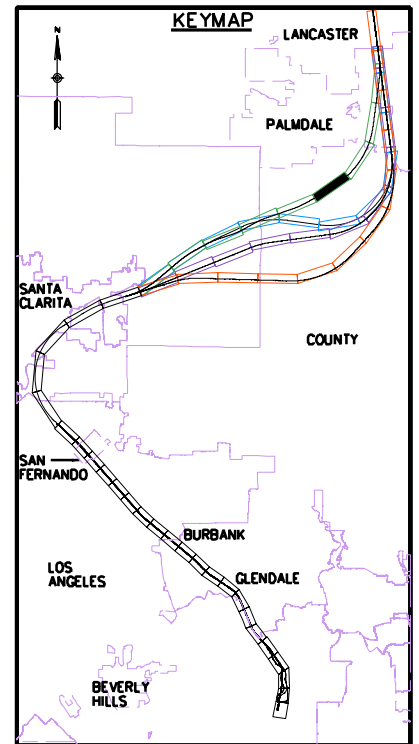
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PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

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CHECKED BY M. EADEN
IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

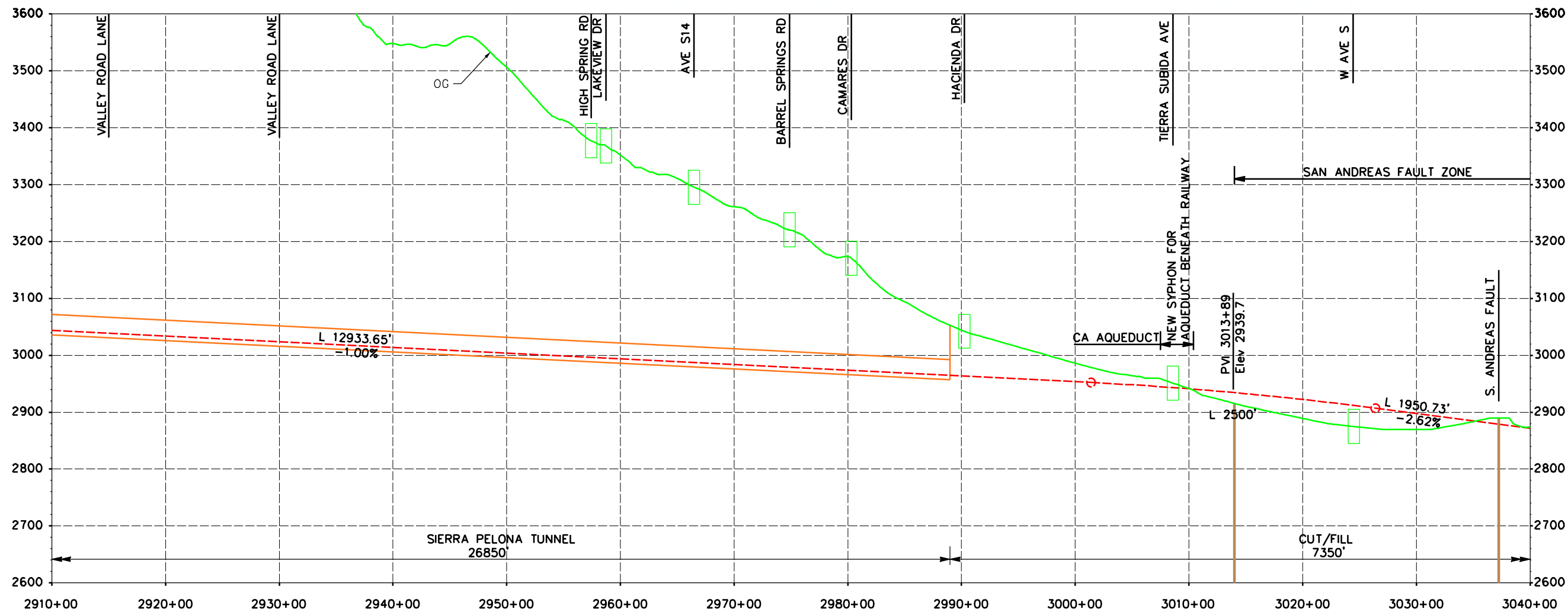
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 WEST"
PLAN & PROFILE
STA 2780+00 TO 2910+00

CONTRACT NO.
DRAWING NO. LAP-CB3210
SCALE AS SHOWN
SHEET NO. 11 OF 15

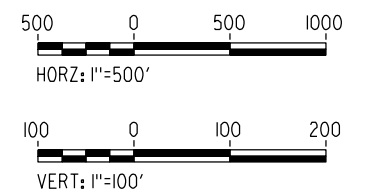
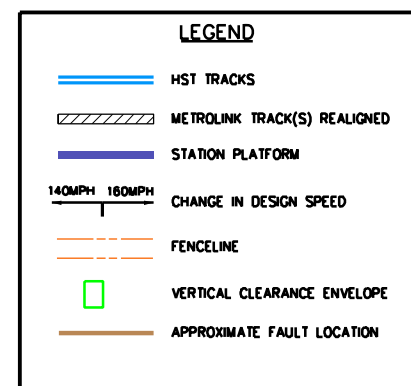
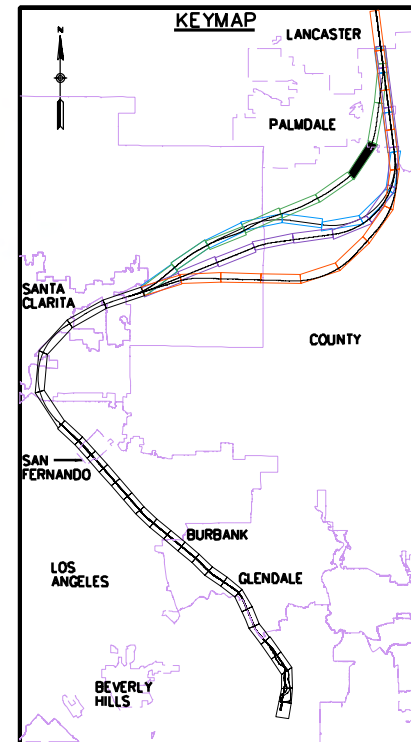
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PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. ELLIS/C. LEE
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CHECKED BY M. EADEN
IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



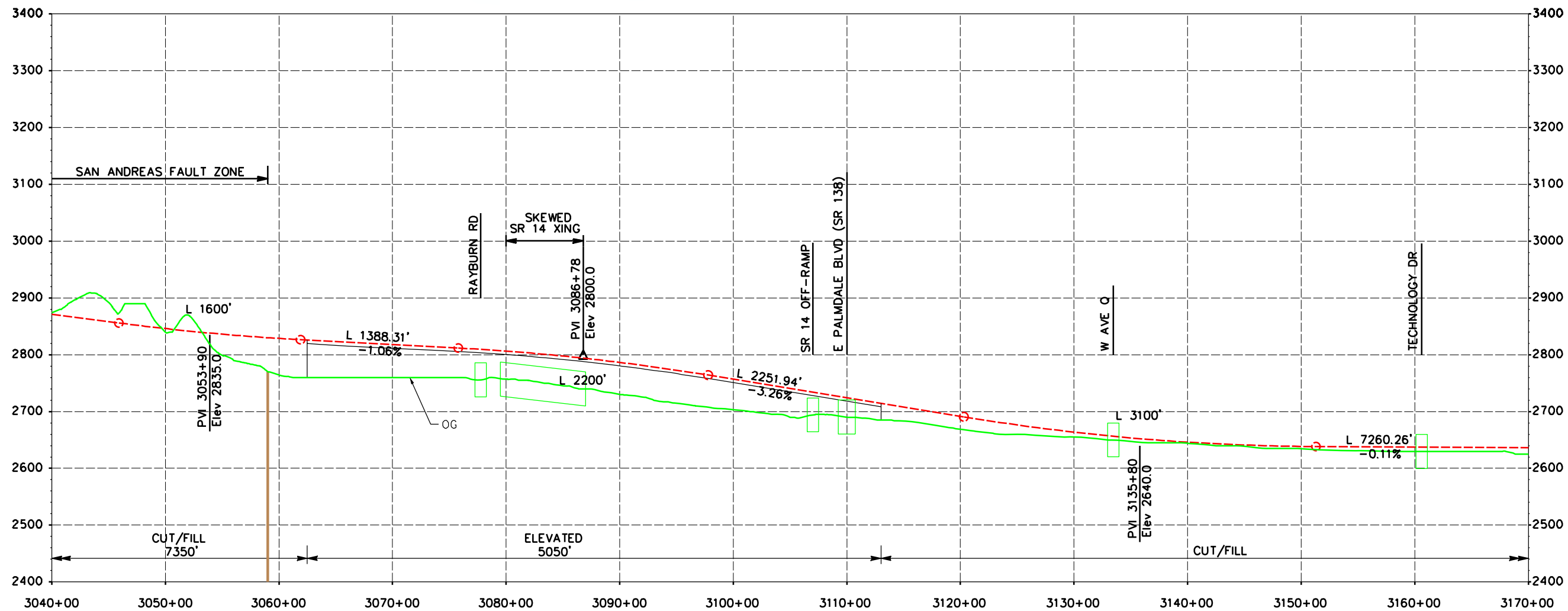
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 WEST"
PLAN & PROFILE
STA 2910+00 TO 3040+00

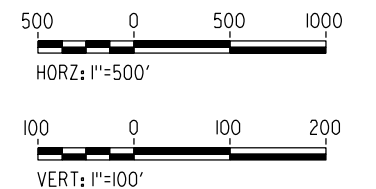
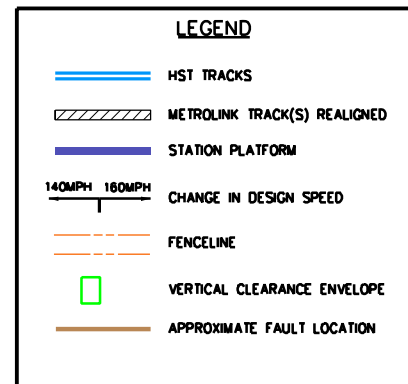
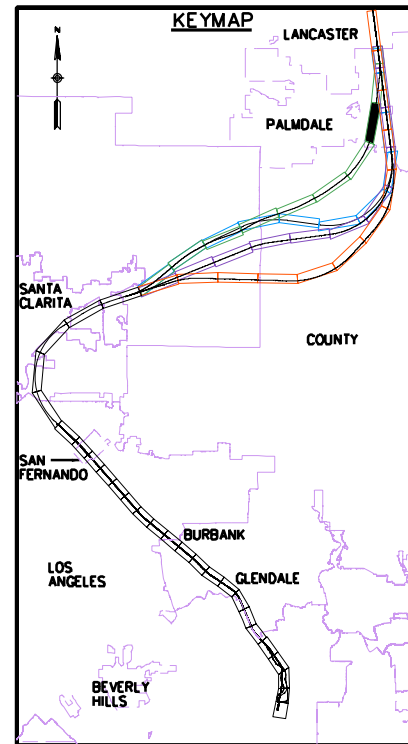
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DRAWING NO. LAP-CB3211
SCALE AS SHOWN
SHEET NO. 12 OF 15



PLAN



PROFILE



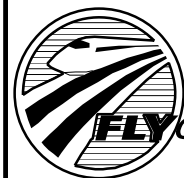
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REV	DATE	BY	CHK	APP	DESCRIPTION

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Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

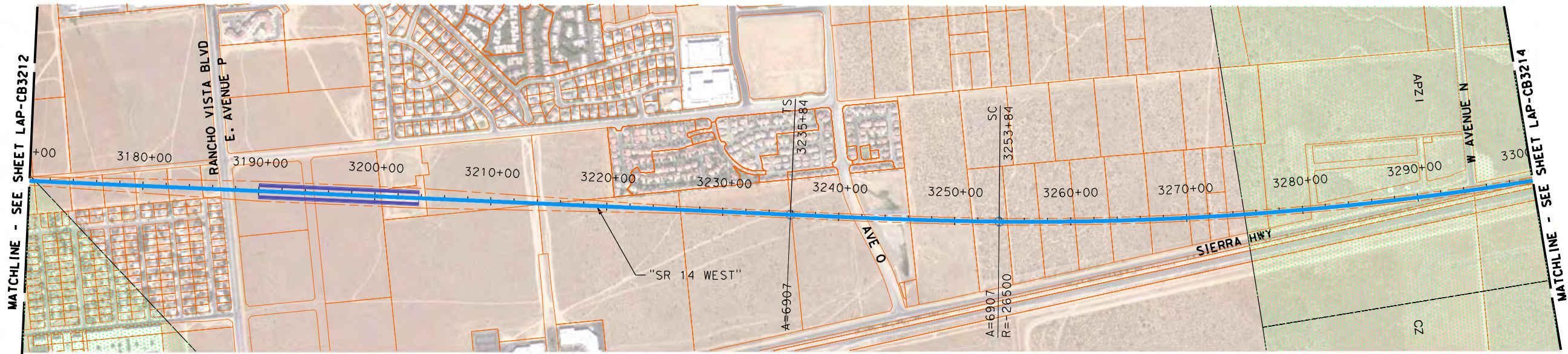


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

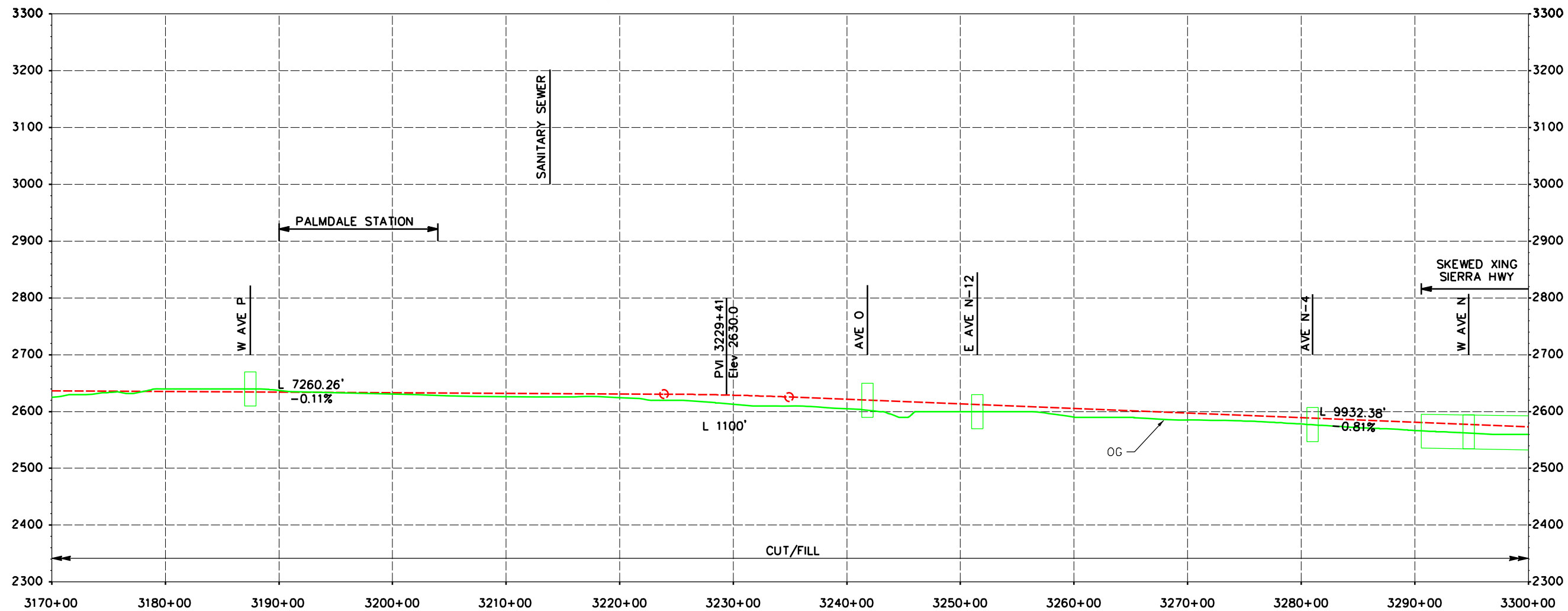
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PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 WEST"
PLAN & PROFILE
STA 3040+00 TO 3170+00

CONTRACT NO.
DRAWING NO. LAP-CB3212
SCALE AS SHOWN
SHEET NO. 13 OF 15

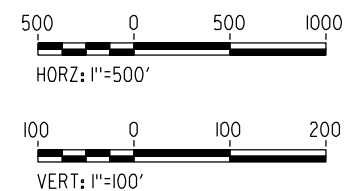
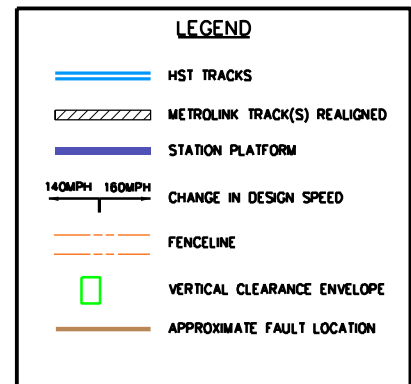
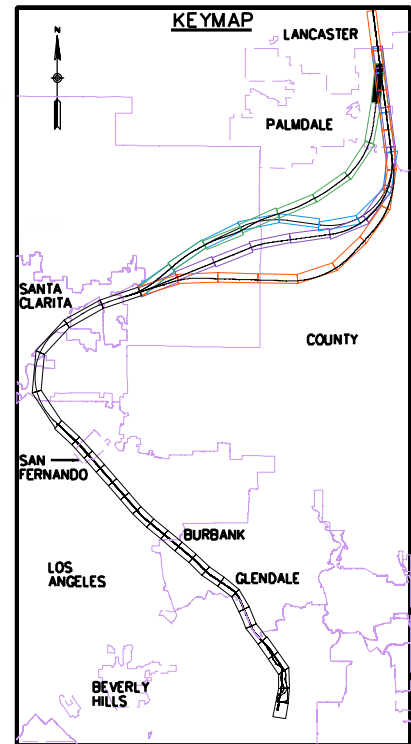
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PLAN



PROFILE

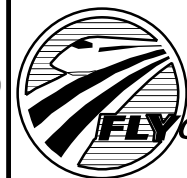


REV	DATE	BY	CHK	APP	DESCRIPTION

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Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

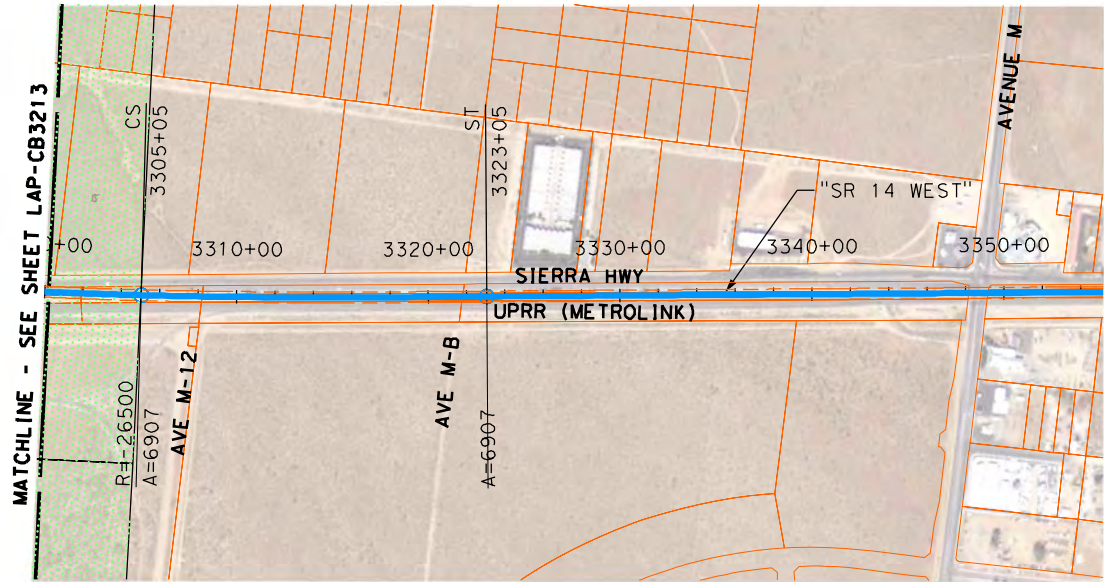


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

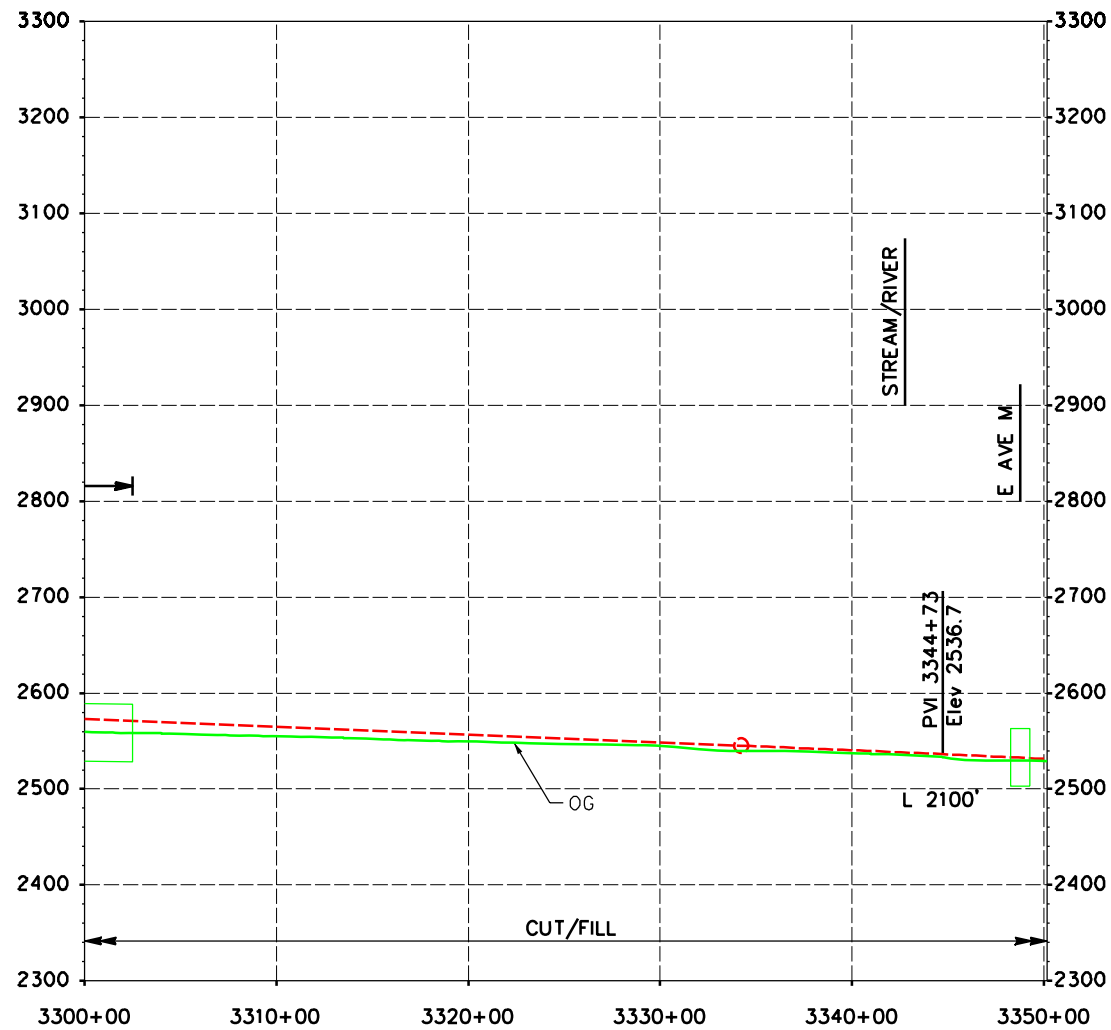
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PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYMAR TO PALMDALE - "SR 14 WEST"
PLAN & PROFILE
STA 3170+00 TO 3300+00

CONTRACT NO.
DRAWING NO. LAP-CB3213
SCALE AS SHOWN
SHEET NO. 14 OF 15

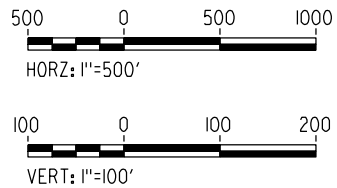
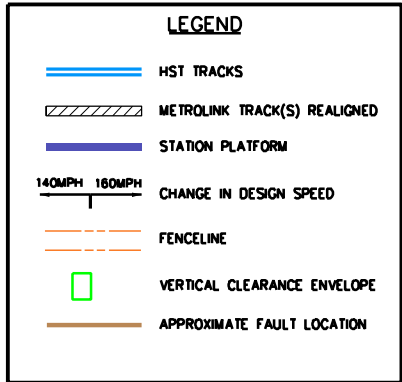
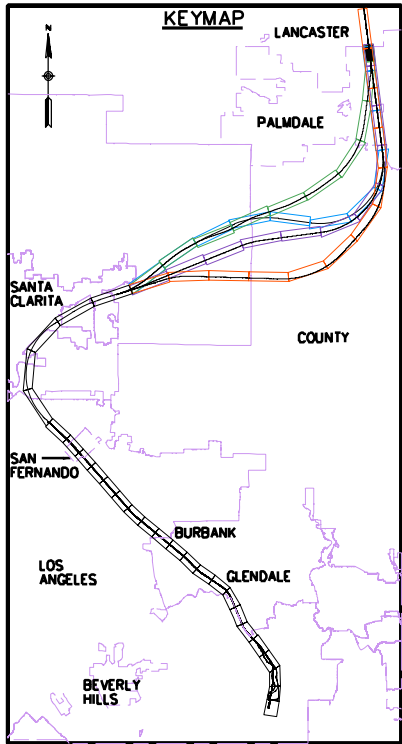
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PROFILE



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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

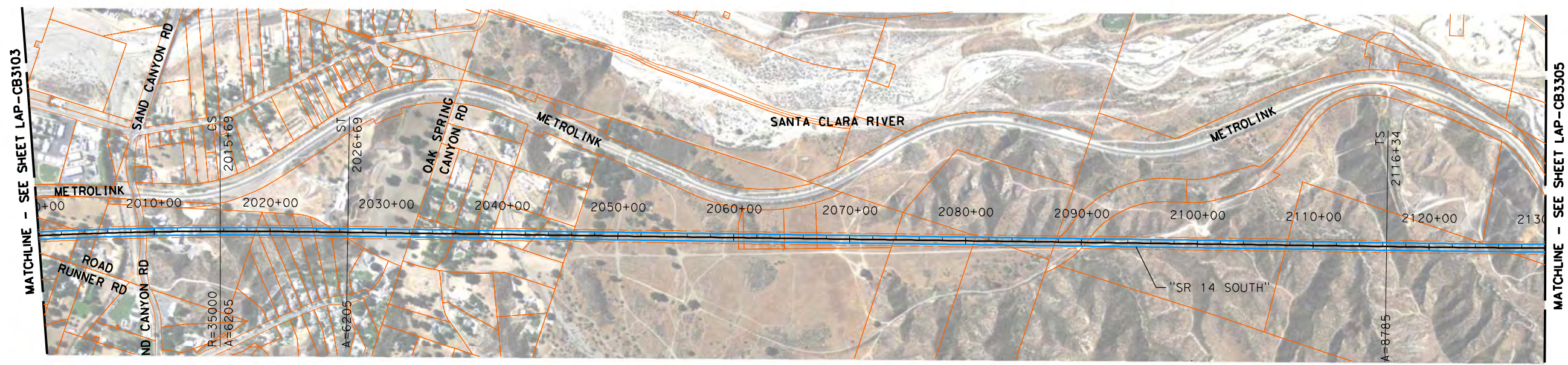


CALIFORNIA HIGH-SPEED RAIL AUTHORITY

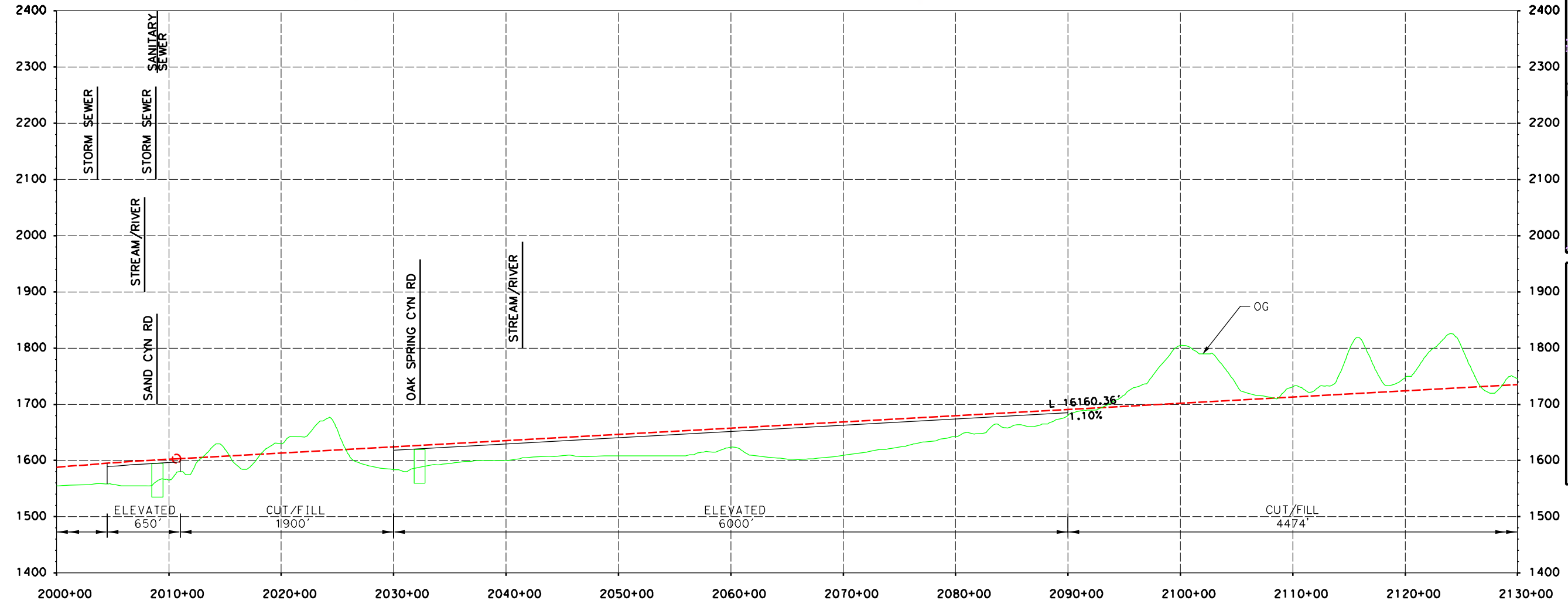
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PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 WEST"
PLAN & PROFILE
STA 3300+00 TO END

CONTRACT NO.
DRAWING NO. LAP-CB3214
SCALE AS SHOWN
SHEET NO. 15 OF 15

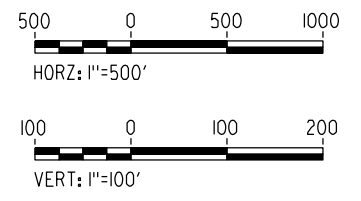
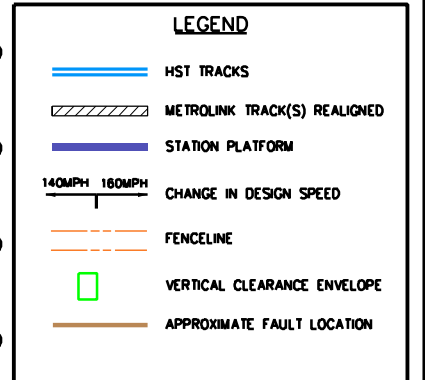
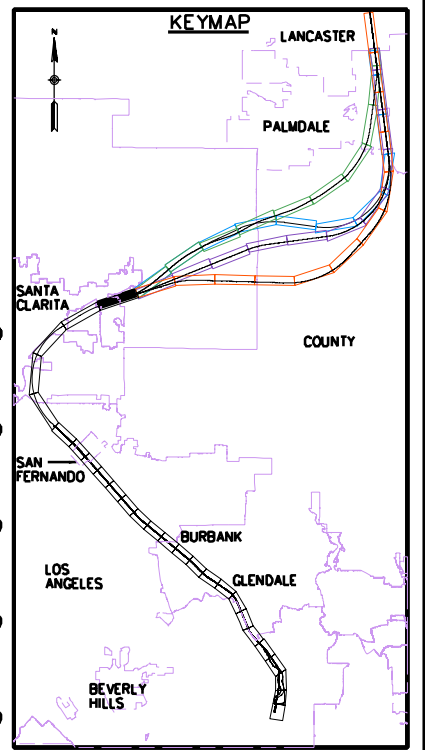
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PLAN



PROFILE



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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

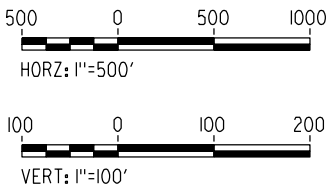
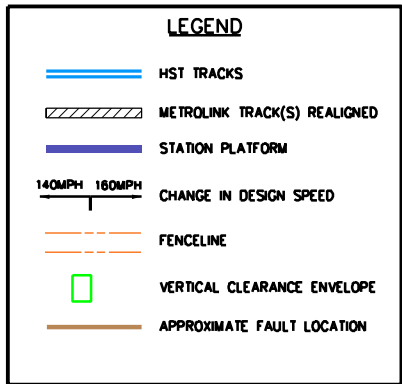
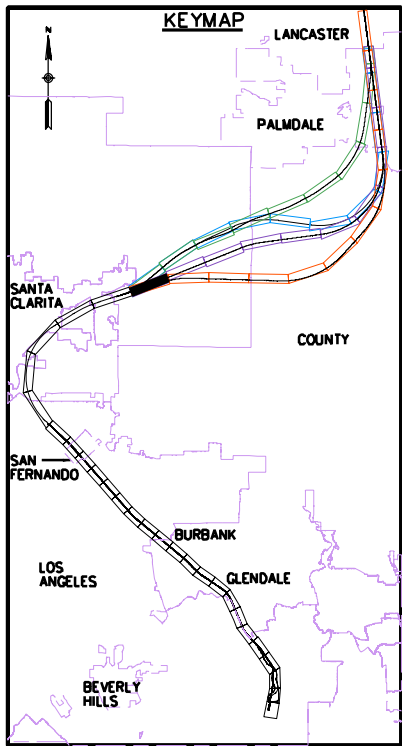
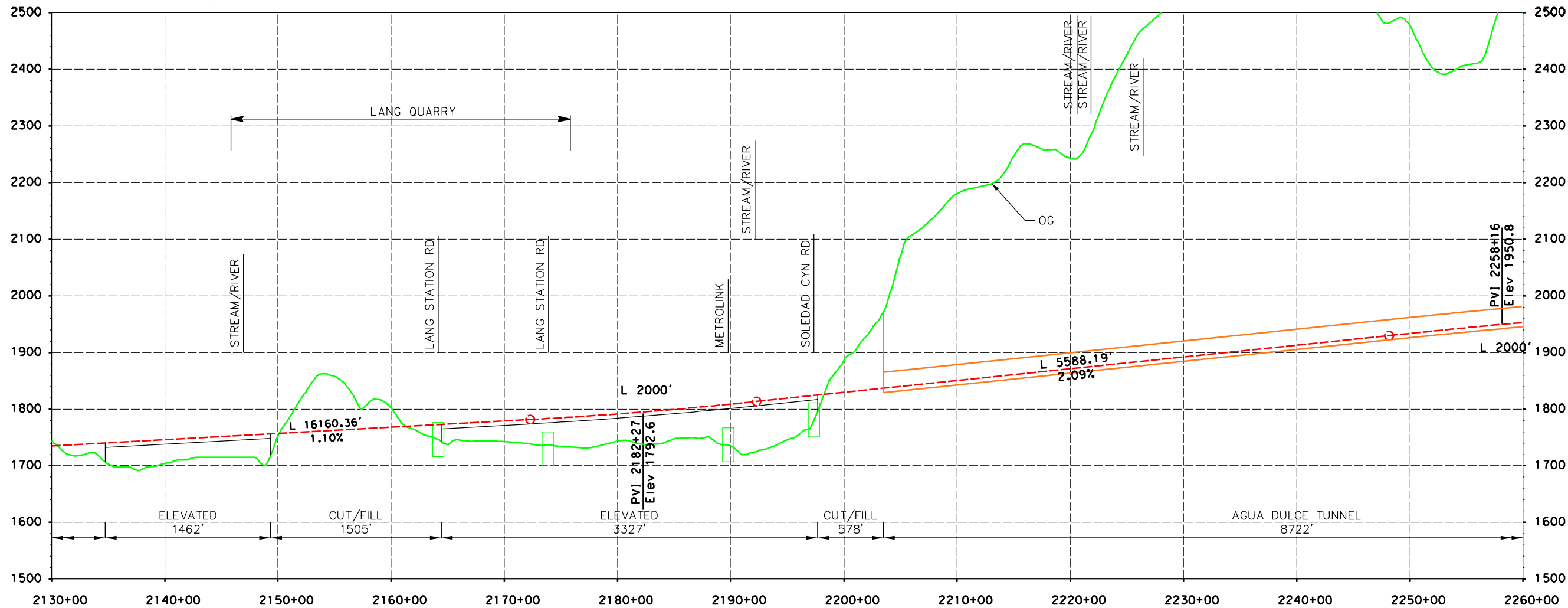
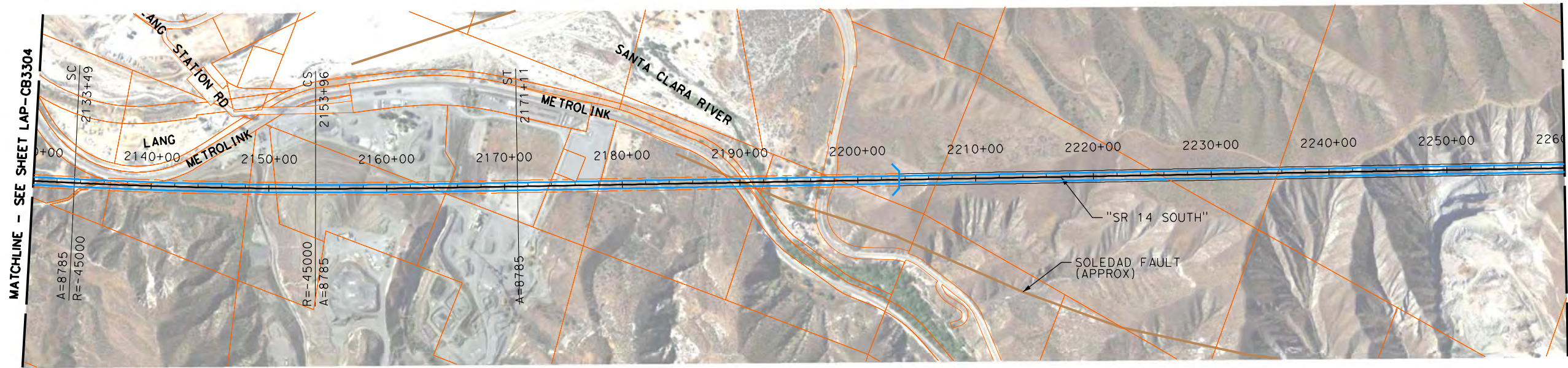


CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 SOUTH"
PLAN & PROFILE
STA 2000+00 to 2130+00

CONTRACT NO.
DRAWING NO. LAP-CB3304
SCALE AS SHOWN
SHEET NO. 5 OF 16

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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

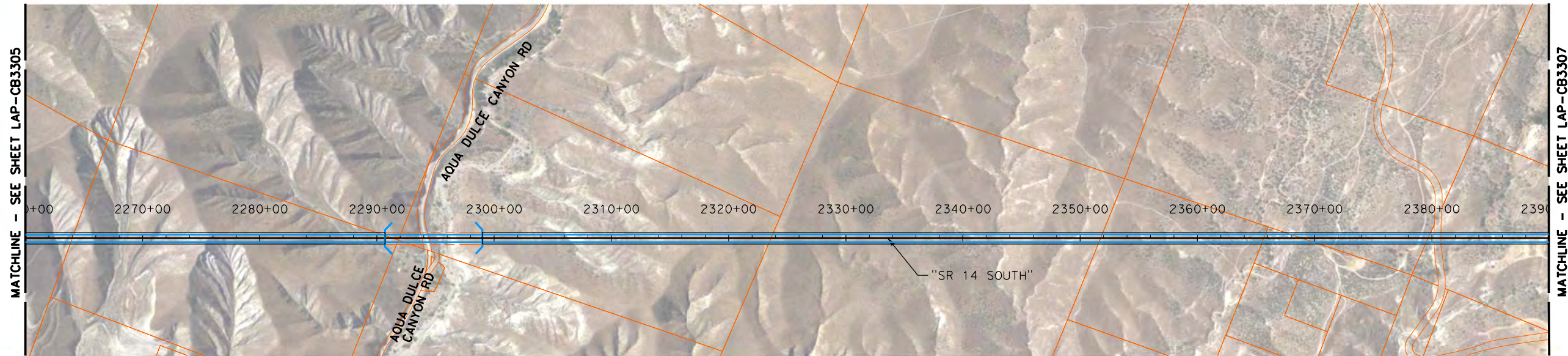


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

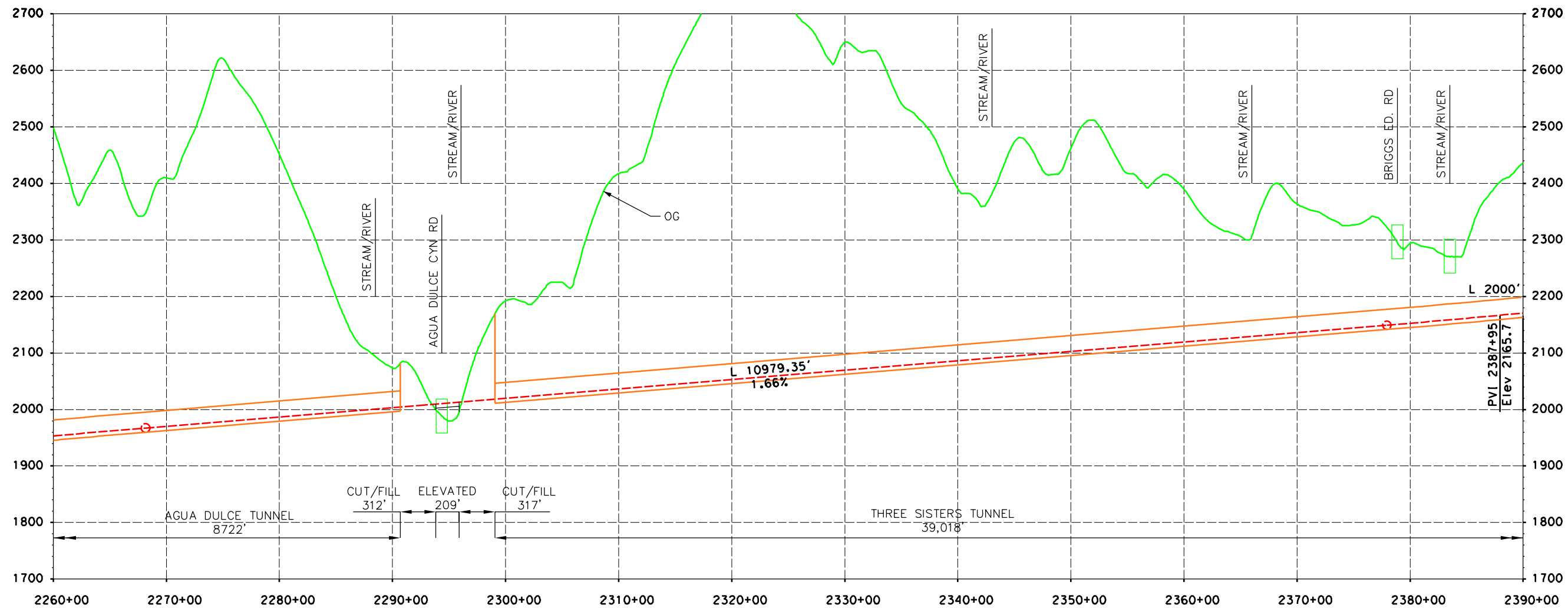
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 SOUTH"
PLAN & PROFILE
STA 2130+00 TO 2260+00

CONTRACT NO.
DRAWING NO. LAP-CB3305
SCALE AS SHOWN
SHEET NO. 6 OF 16

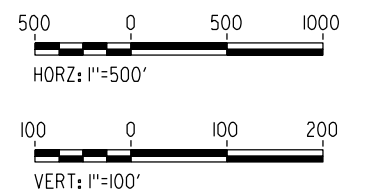
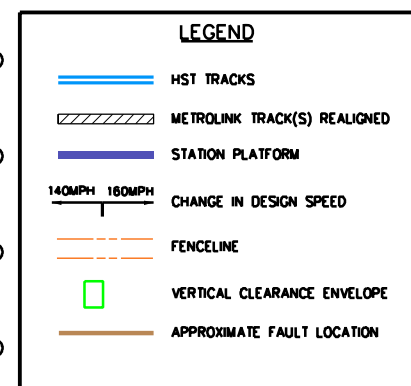
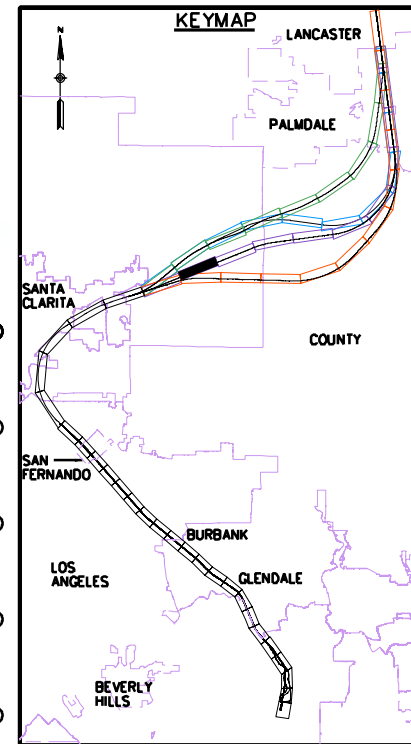
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PLAN



PROFILE

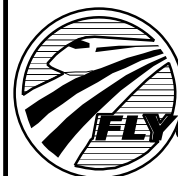


REV	DATE	BY	CHK	APP	DESCRIPTION

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CHECKED BY M. EADEN
IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

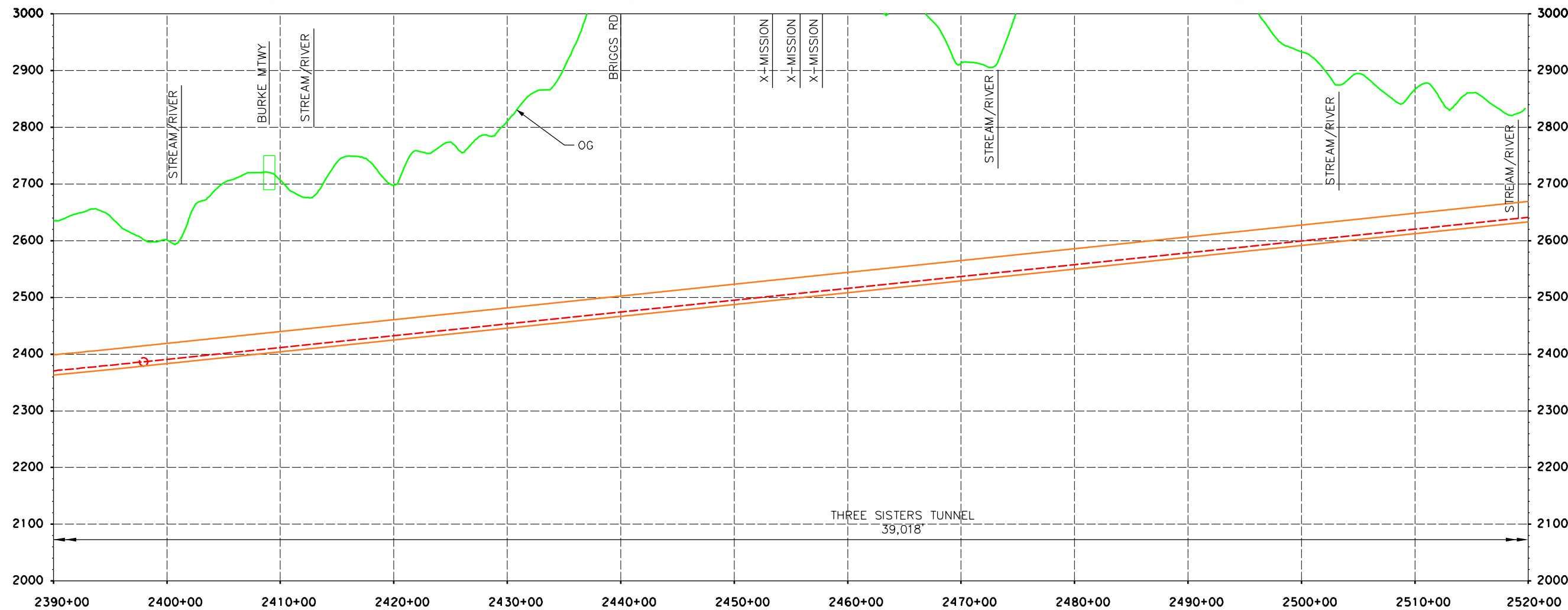
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PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 SOUTH"
PLAN & PROFILE
STA 2260+00 TO 2390+00

CONTRACT NO.
DRAWING NO. LAP-CB3306
SCALE AS SHOWN
SHEET NO. 7 OF 16

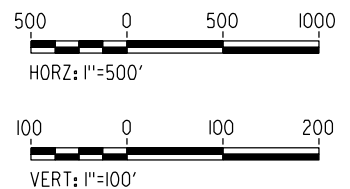
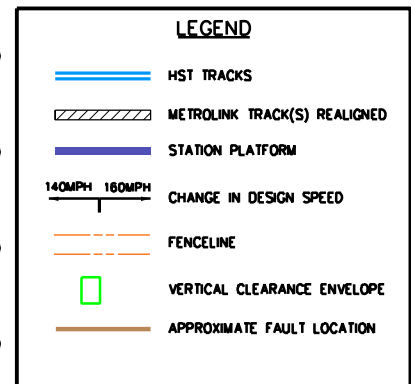
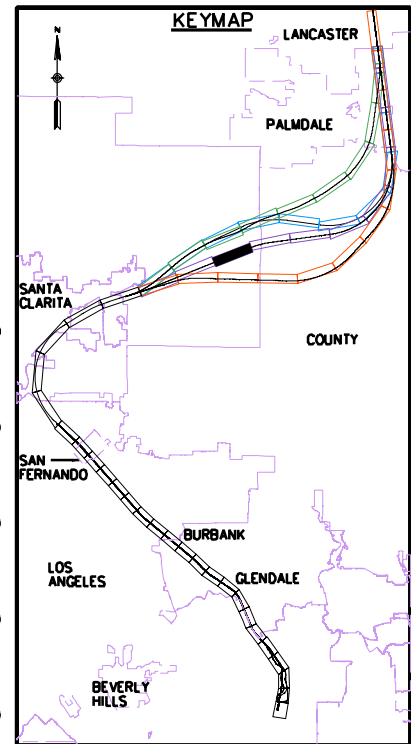
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PLAN



PROFILE



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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

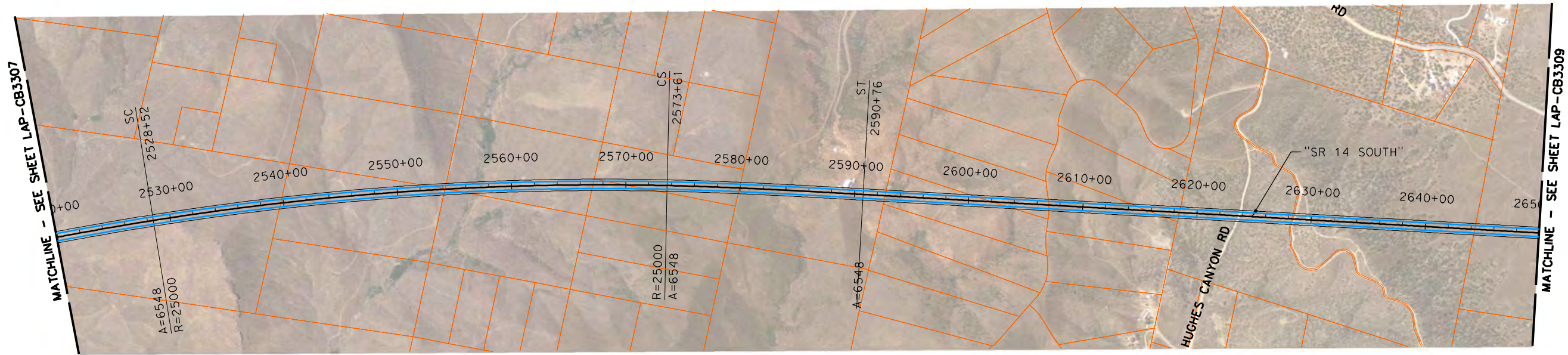


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

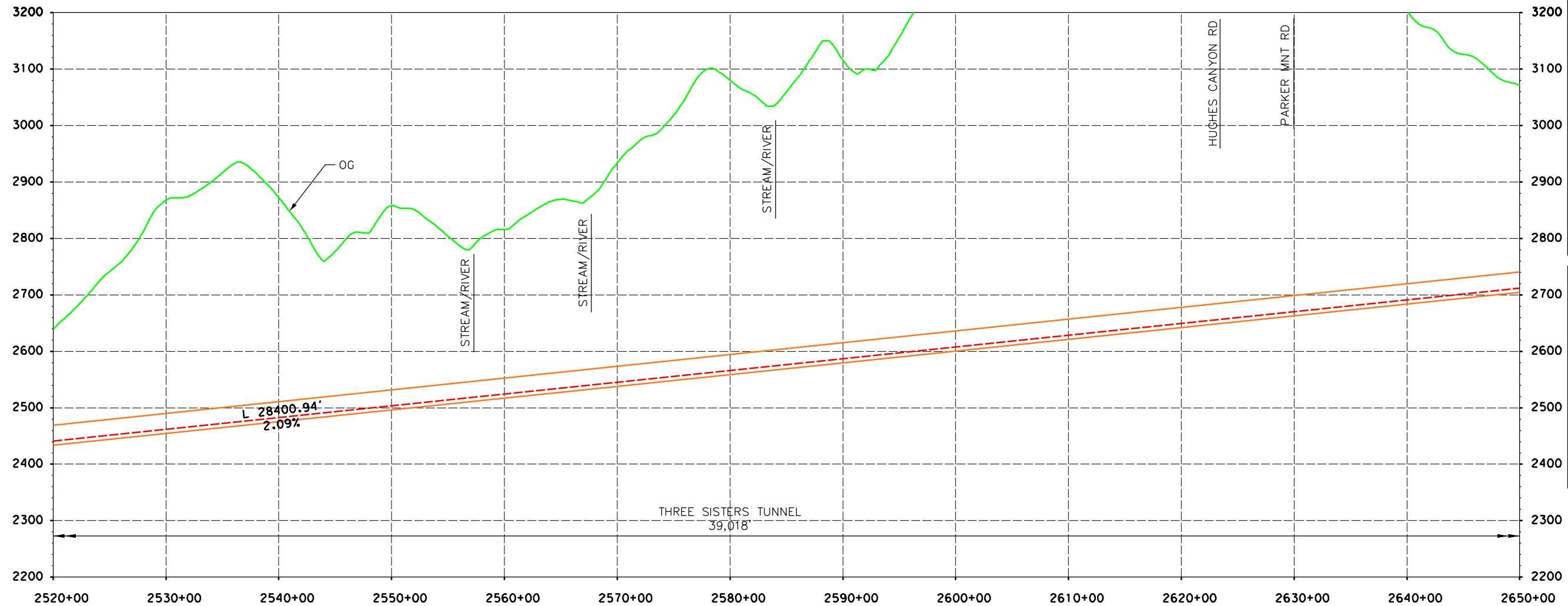
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 SOUTH"
PLAN & PROFILE
STA 2390+00 TO 2520+00

CONTRACT NO.
DRAWING NO. LAP-CB3307
SCALE AS SHOWN
SHEET NO. 8 OF 16

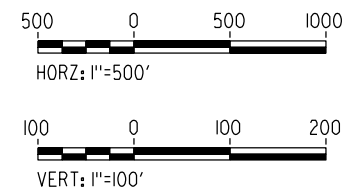
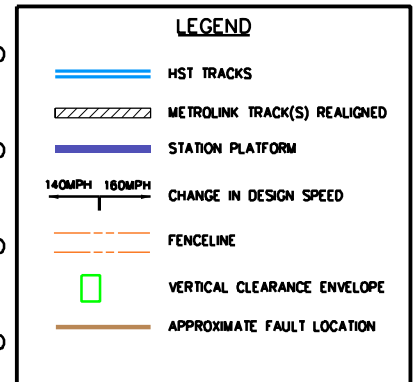
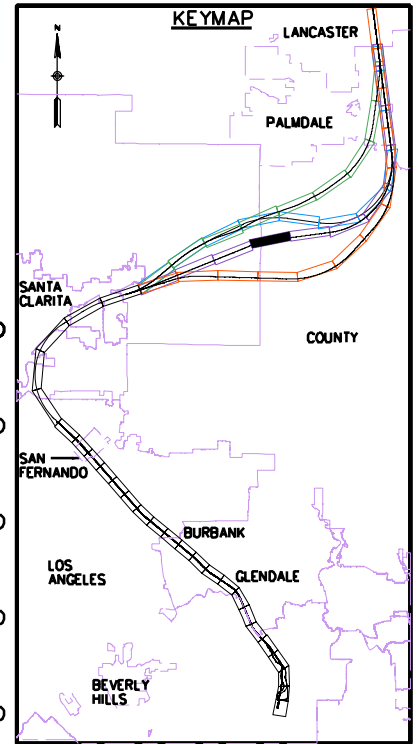
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PLAN



PROFILE



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IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

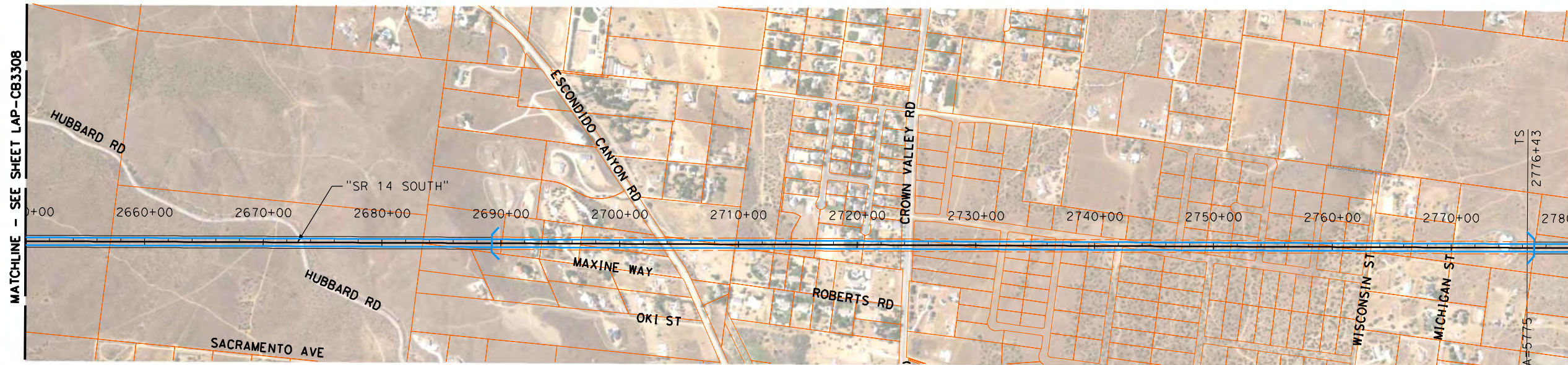


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

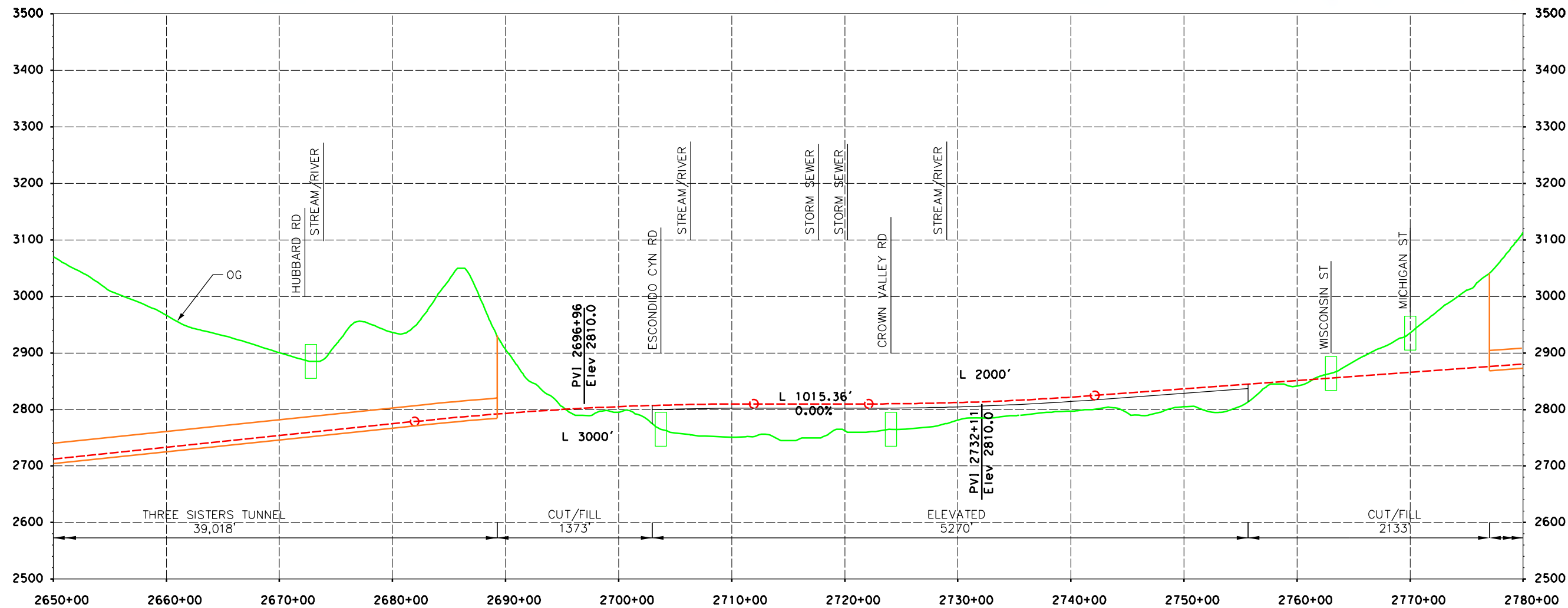
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 SOUTH"
PLAN & PROFILE
STA 2520+00 TO 2650+00

CONTRACT NO.
DRAWING NO. LAP-CB3308
SCALE AS SHOWN
SHEET NO. 9 OF 16

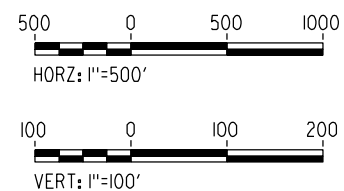
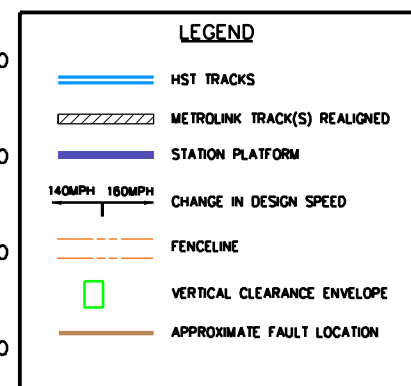
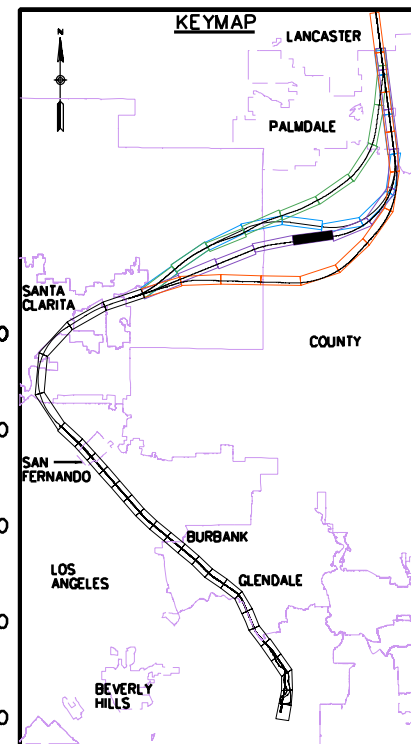
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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

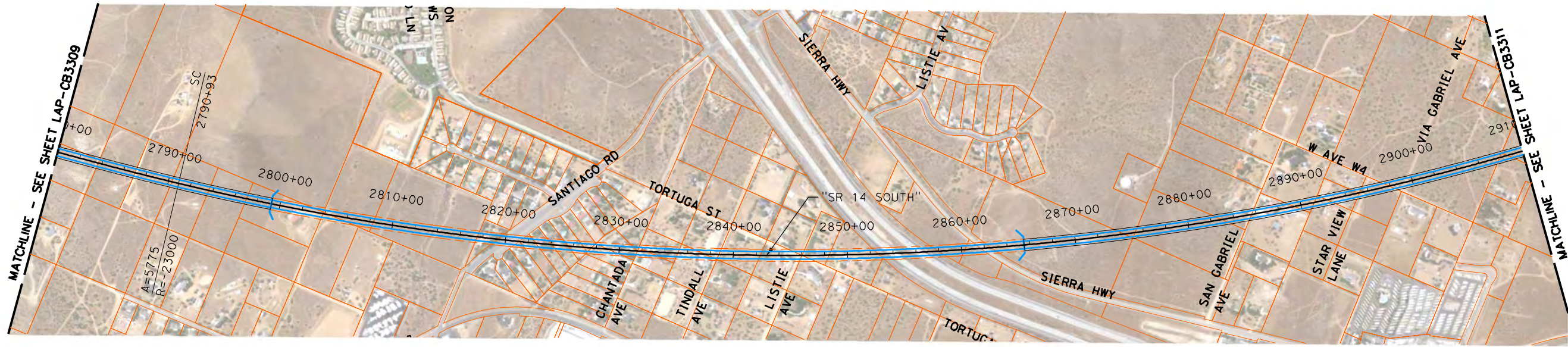


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

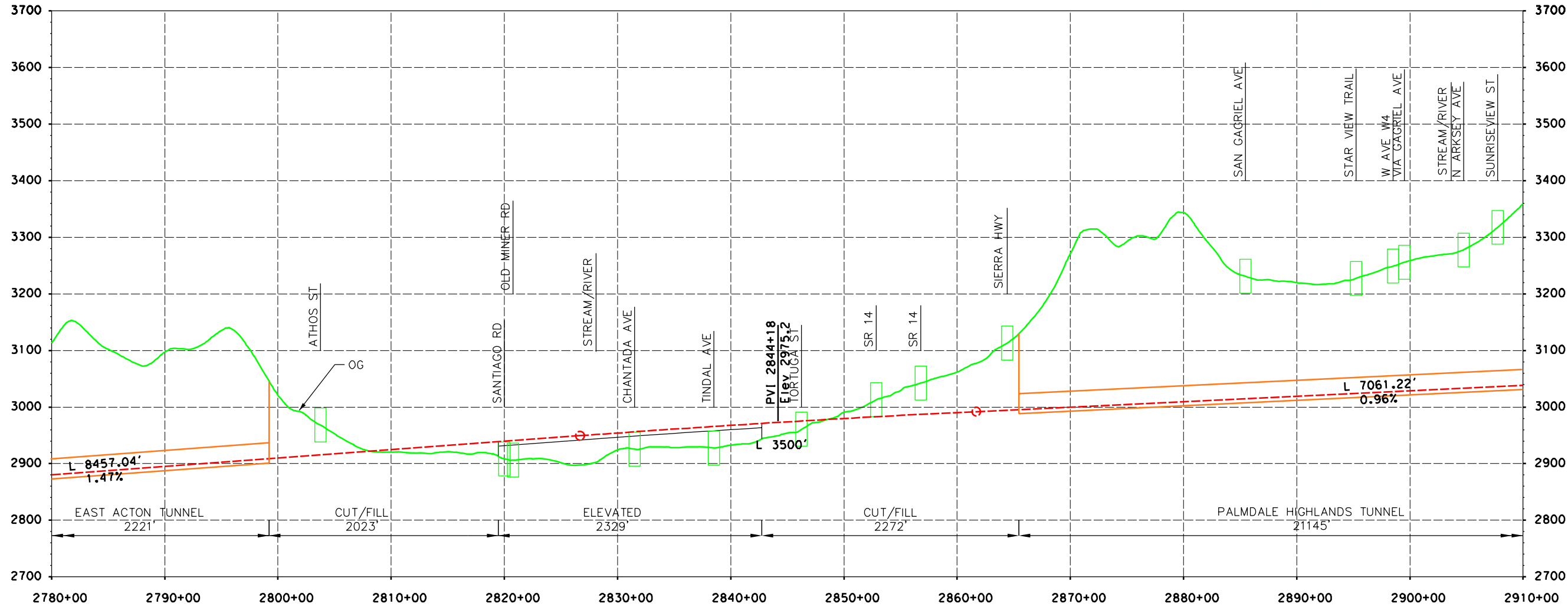
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 SOUTH"
PLAN & PROFILE
STA 2650+00 TO 2780+00

CONTRACT NO.
DRAWING NO. LAP-CB3309
SCALE AS SHOWN
SHEET NO. 10 OF 16

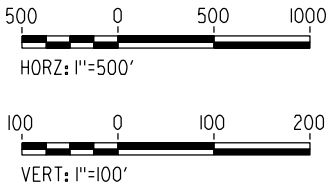
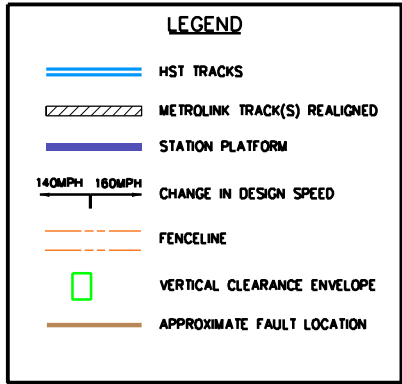
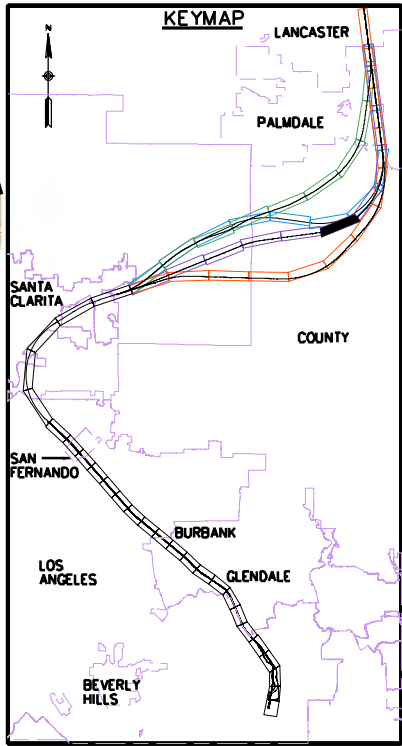
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PROFILE



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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

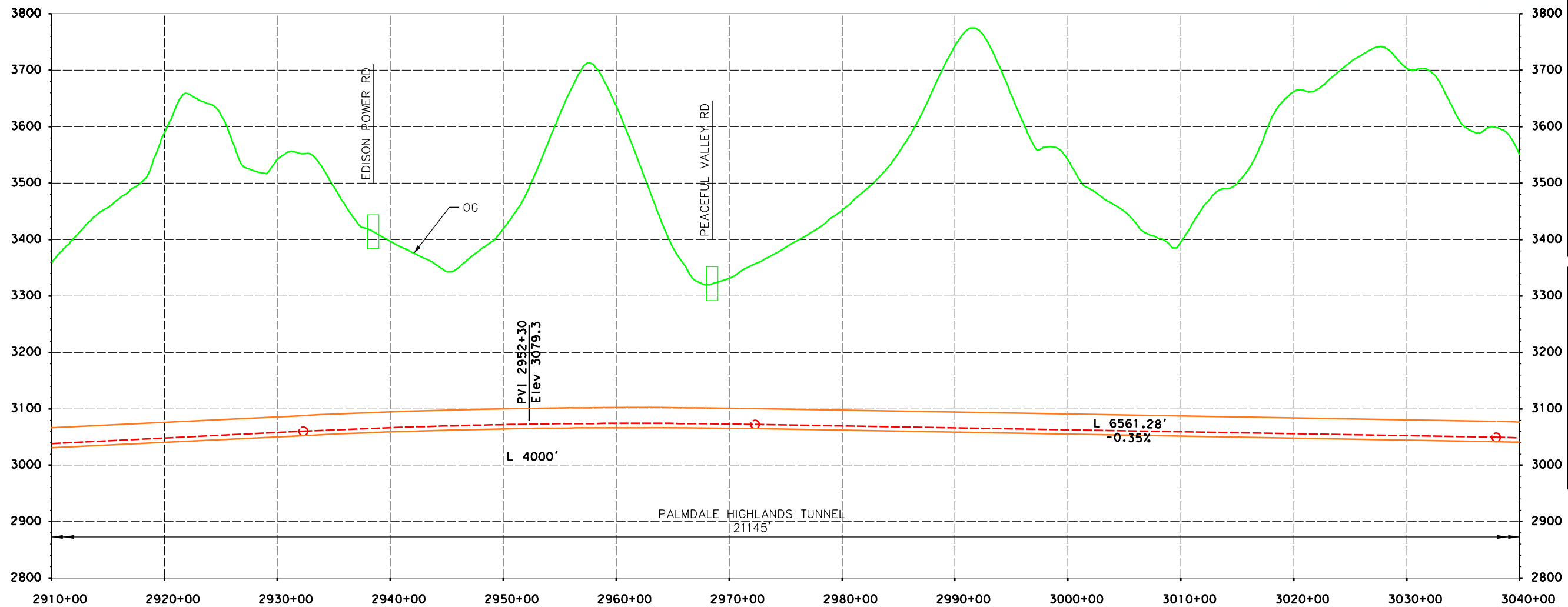
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PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 SOUTH"
PLAN & PROFILE
STA 2780+00 TO 2910+00

CONTRACT NO.
DRAWING NO. LAP-CB3310
SCALE AS SHOWN
SHEET NO. 11 OF 16

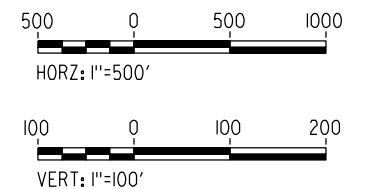
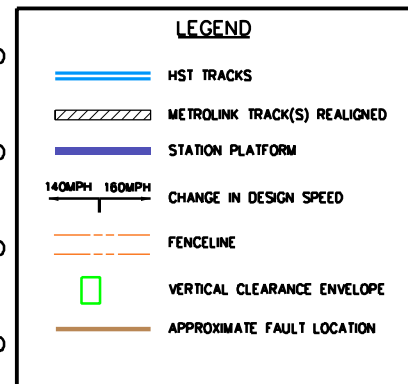
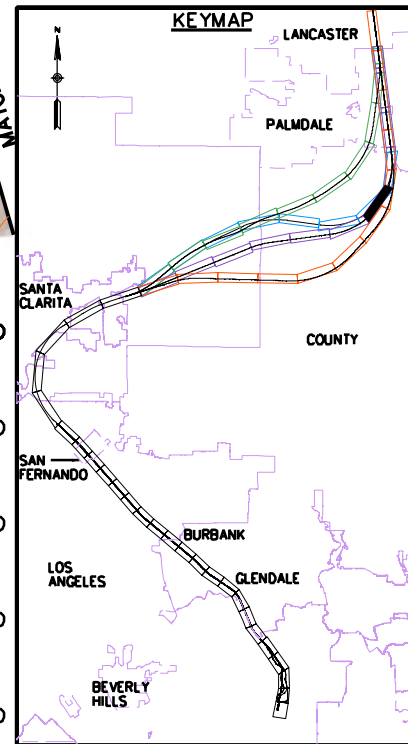
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PLAN



PROFILE

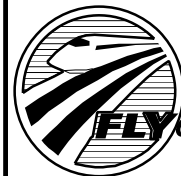


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. ELLIS/C. LEE
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CHECKED BY M. EADEN
IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

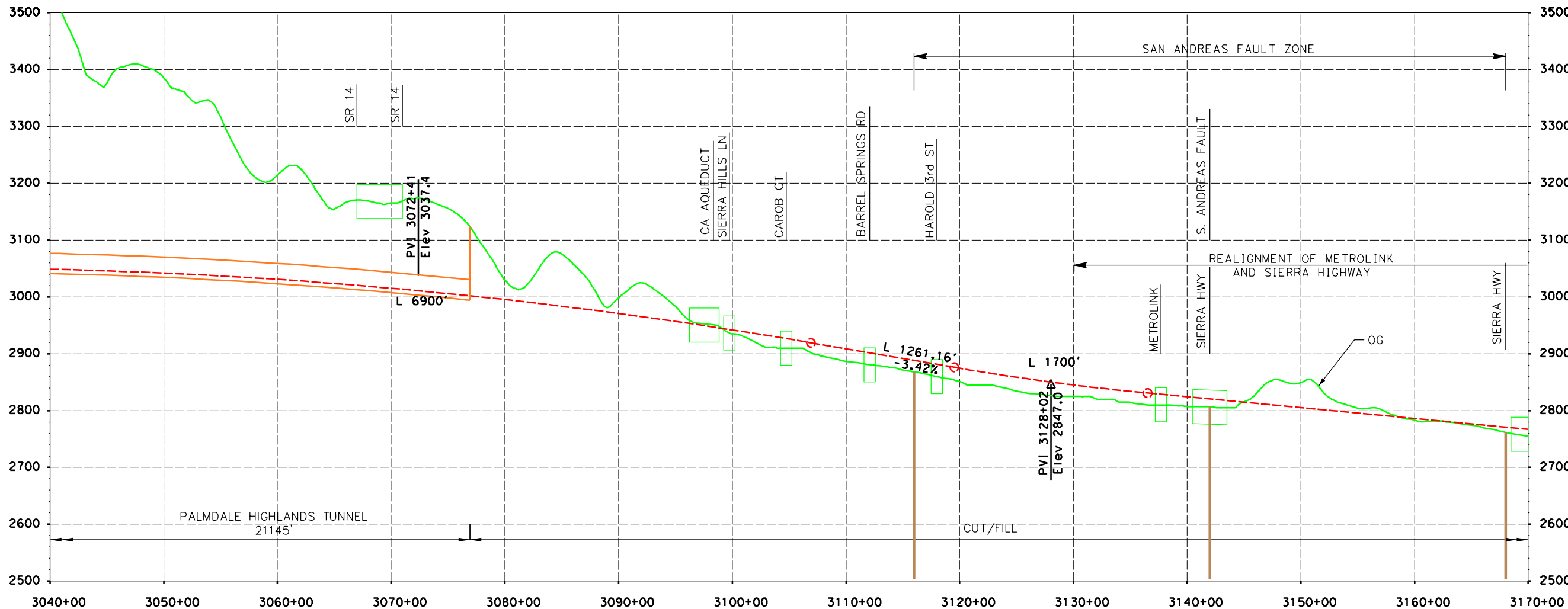
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 SOUTH"
PLAN & PROFILE
STA 2910+00 TO 3040+00

CONTRACT NO.
DRAWING NO. LAP-CB3311
SCALE AS SHOWN
SHEET NO. 12 OF 16

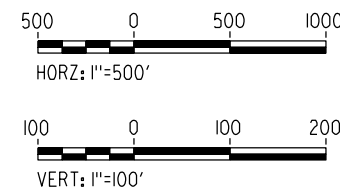
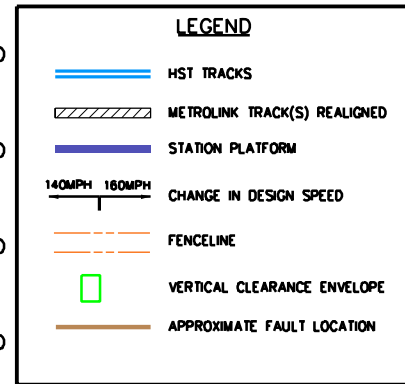
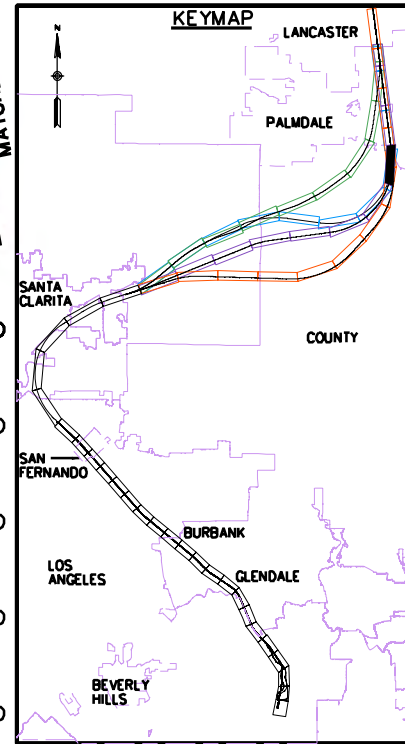
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PLAN



PROFILE

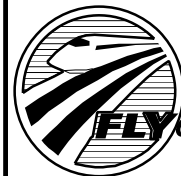


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. ELLIS/C. LEE
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CHECKED BY M. EADEN
IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
Without ever leaving the ground.

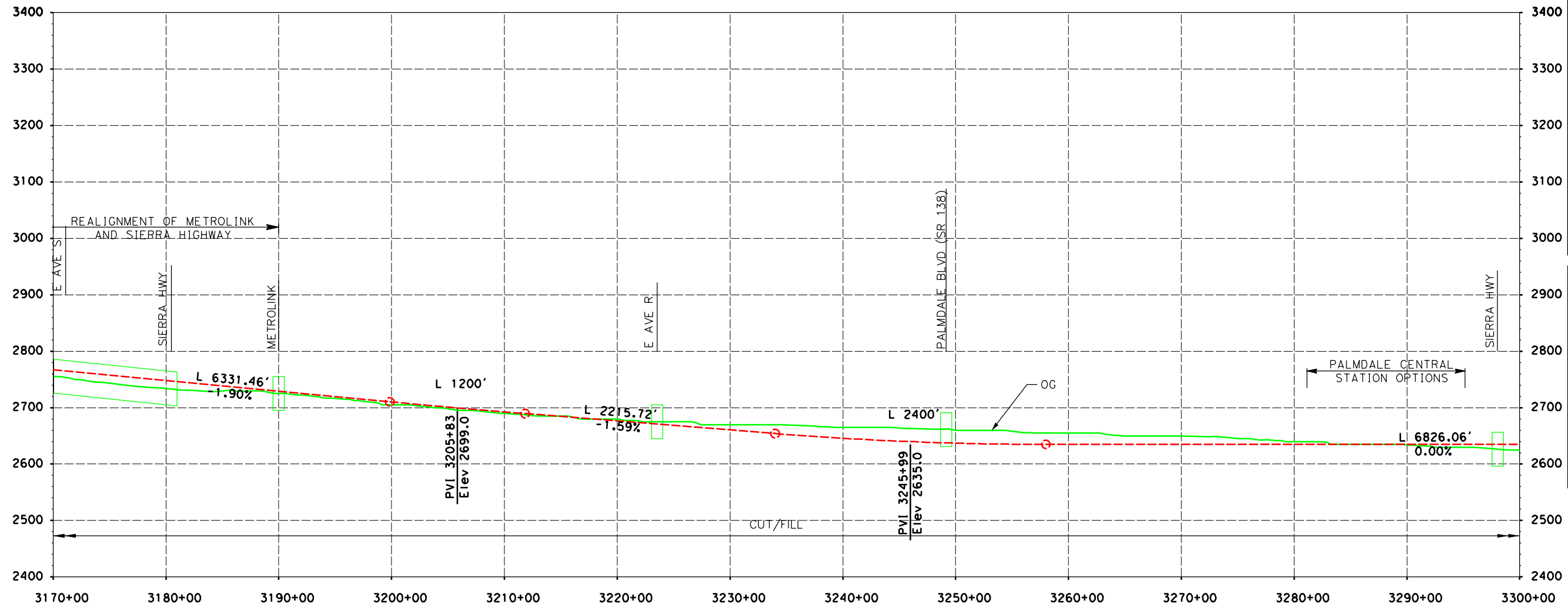
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PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE – SR 14 "SOUTH"
PLAN & PROFILE
STA 3040+00 TO 3170+00

CONTRACT NO.
DRAWING NO. LAP-CB3312
SCALE AS SHOWN
SHEET NO. 13 OF 16

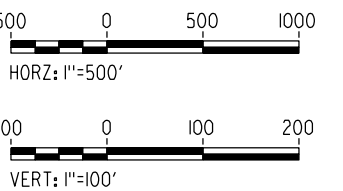
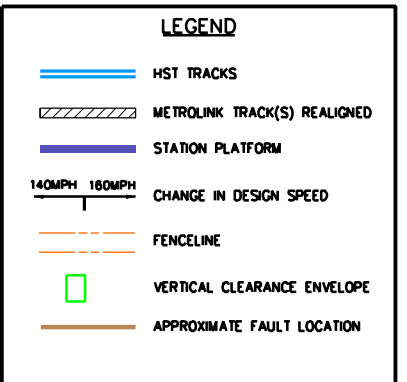
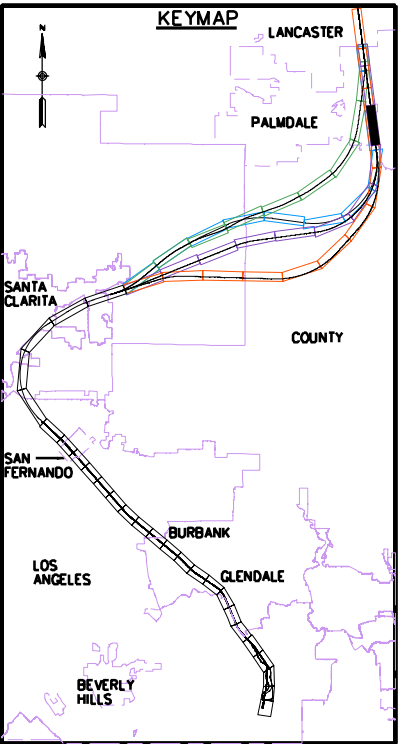
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PLAN



PROFILE

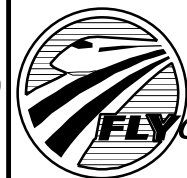


REV	DATE	BY	CHK	APP	DESCRIPTION

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Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

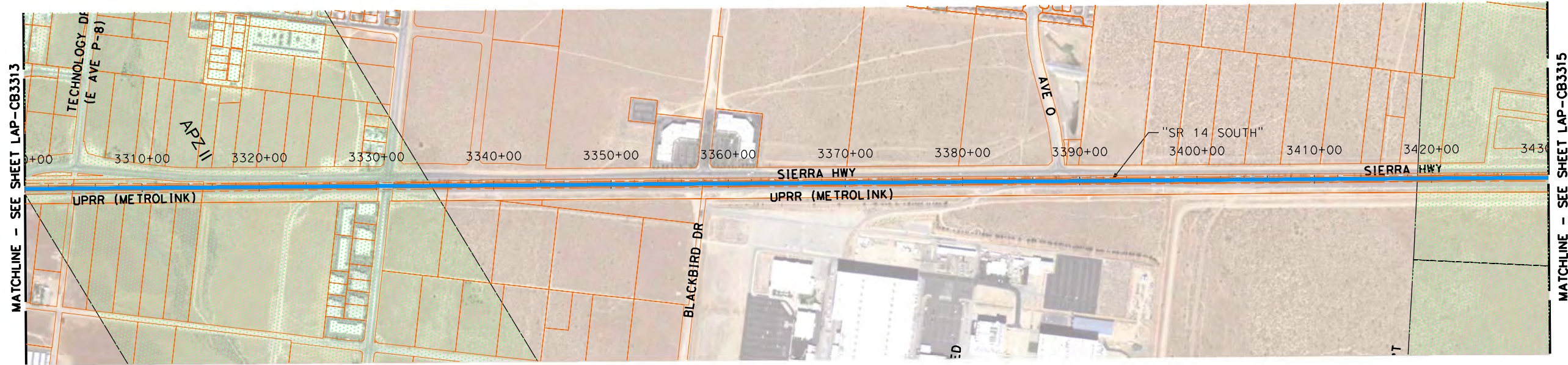


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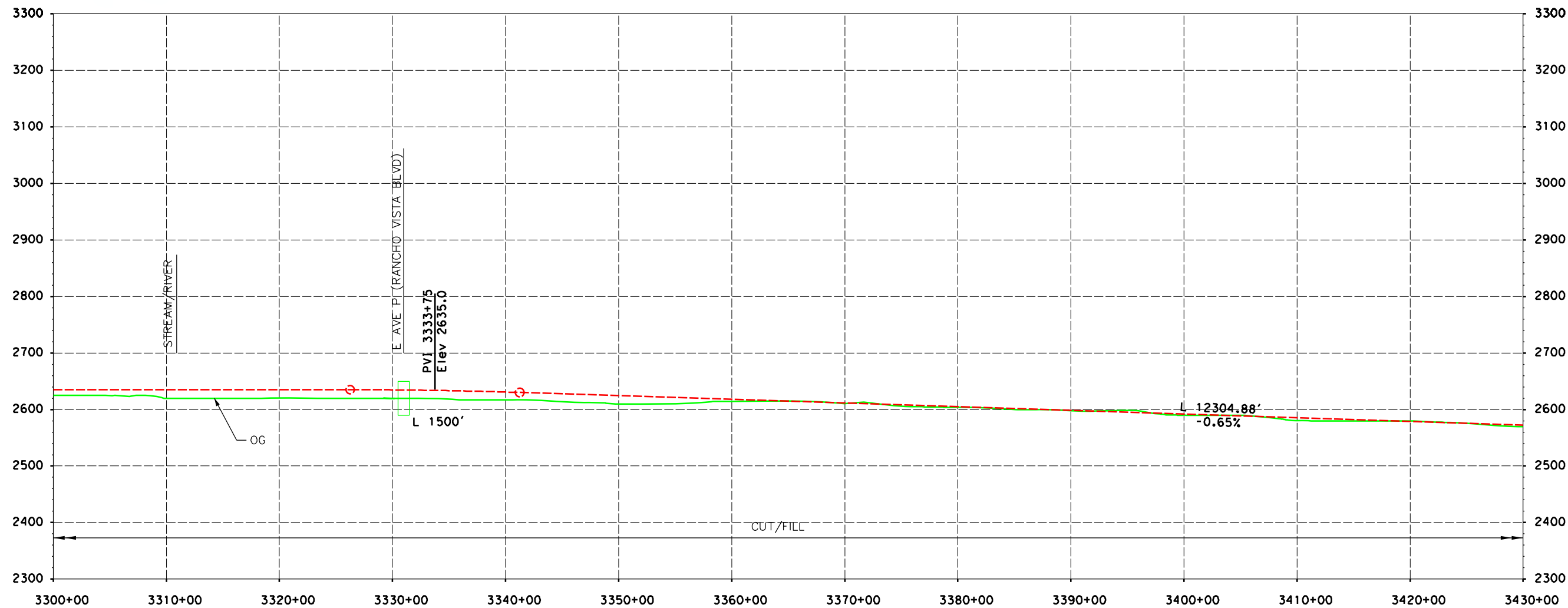
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 SOUTH"
PLAN & PROFILE
STA 3170+00 to 3300+00

CONTRACT NO.
DRAWING NO. LAP-CB3313
SCALE AS SHOWN
SHEET NO. 14 OF 16

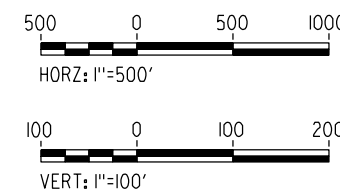
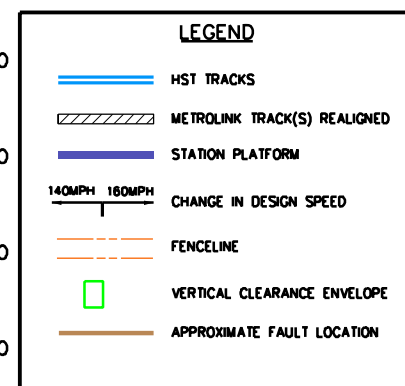
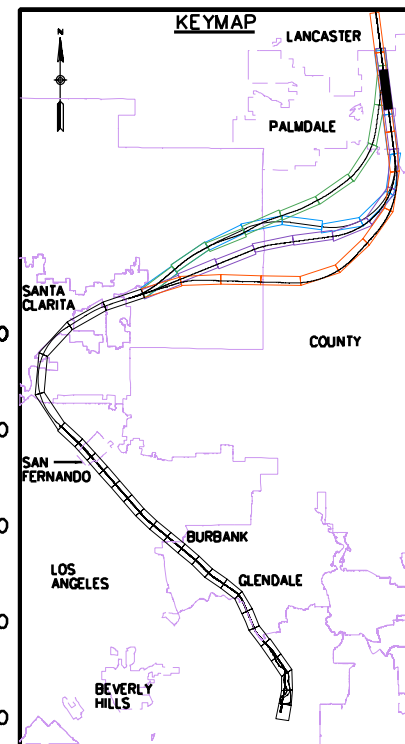
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PLAN



PROFILE

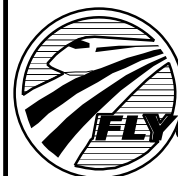


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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

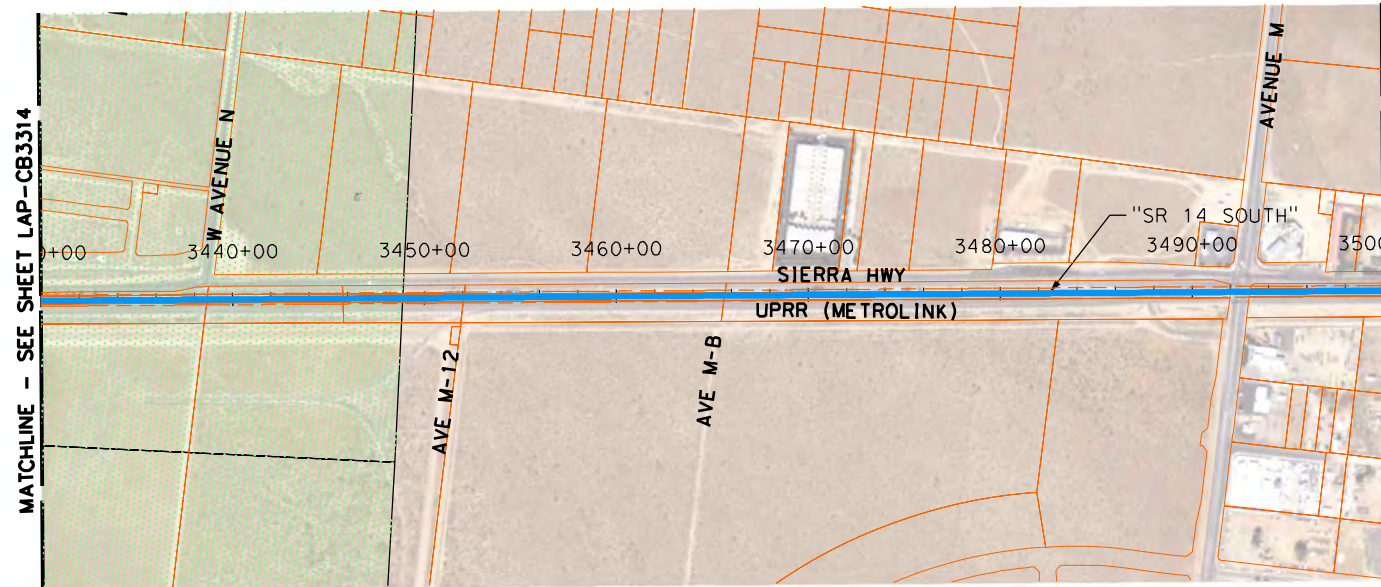


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
Without ever leaving the ground.

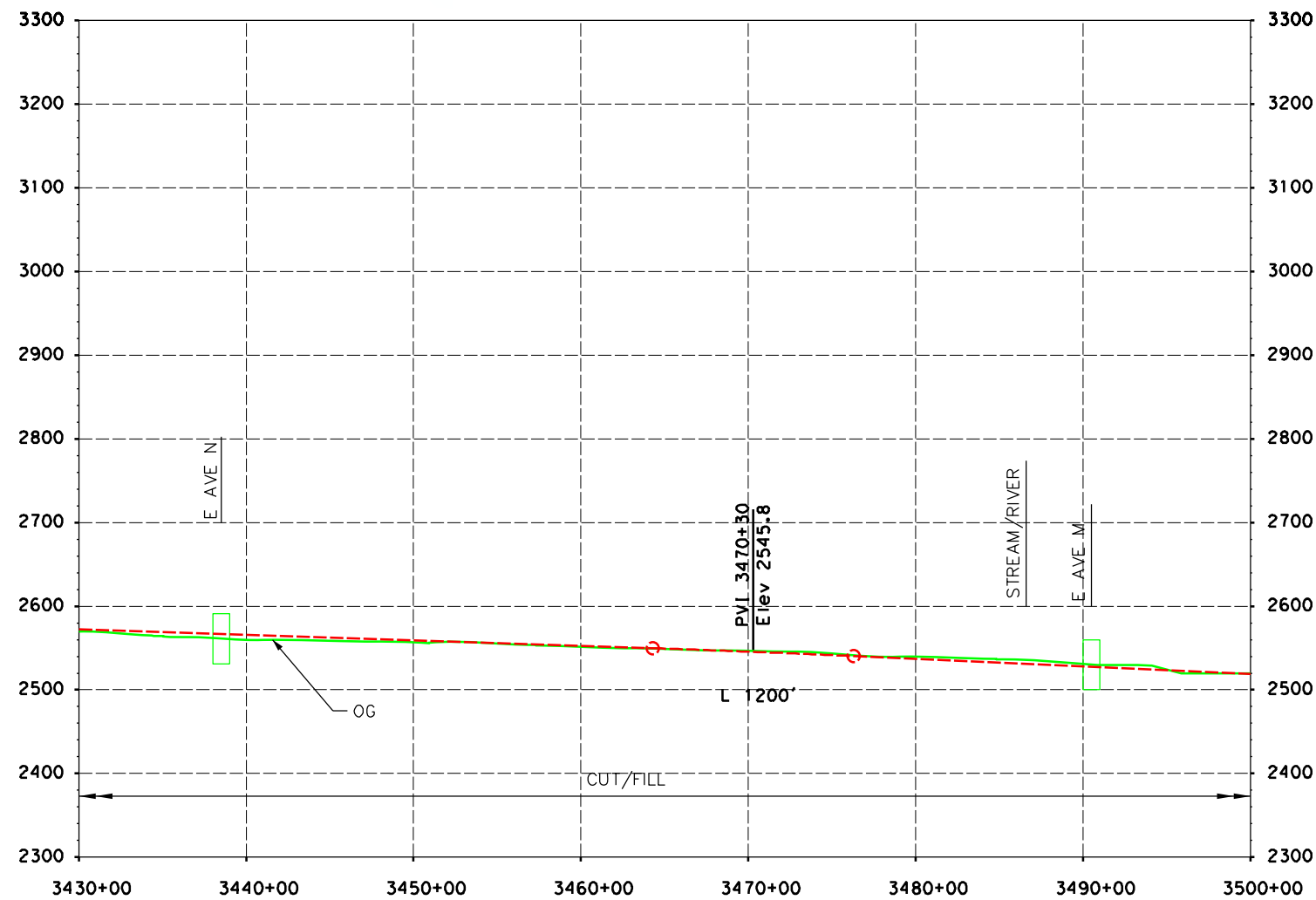
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PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 SOUTH"
PLAN & PROFILE
STA 3300+00 TO 3430+00

CONTRACT NO.
DRAWING NO. LAP-CB3314
SCALE AS SHOWN
SHEET NO. 15 OF 16

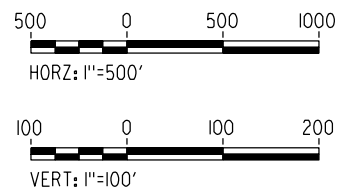
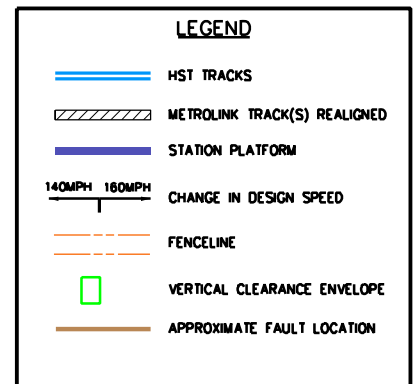
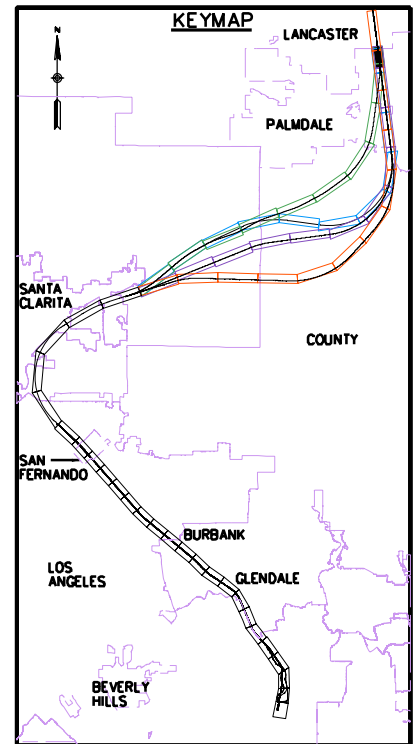
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PLAN



PROFILE



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Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

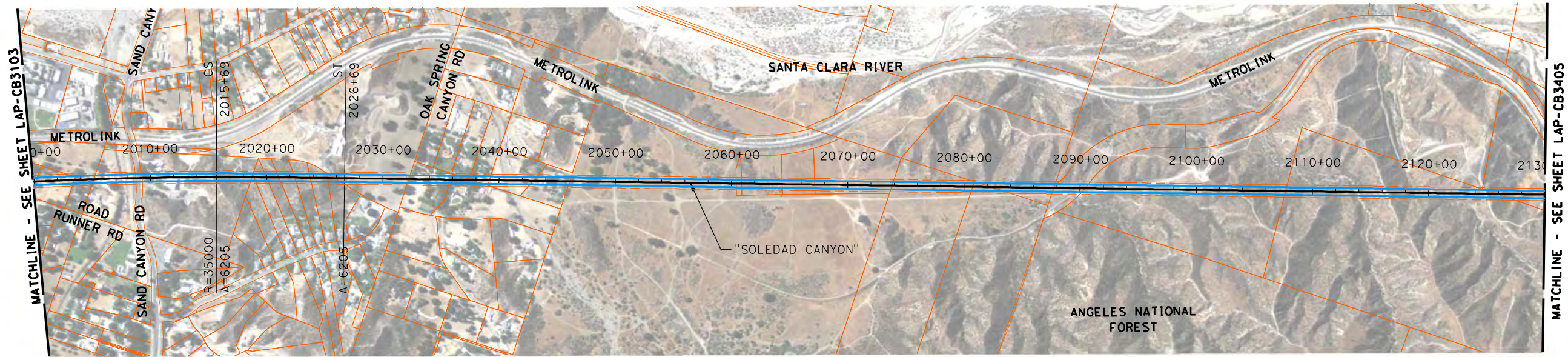


CALIFORNIA HIGH-SPEED RAIL AUTHORITY

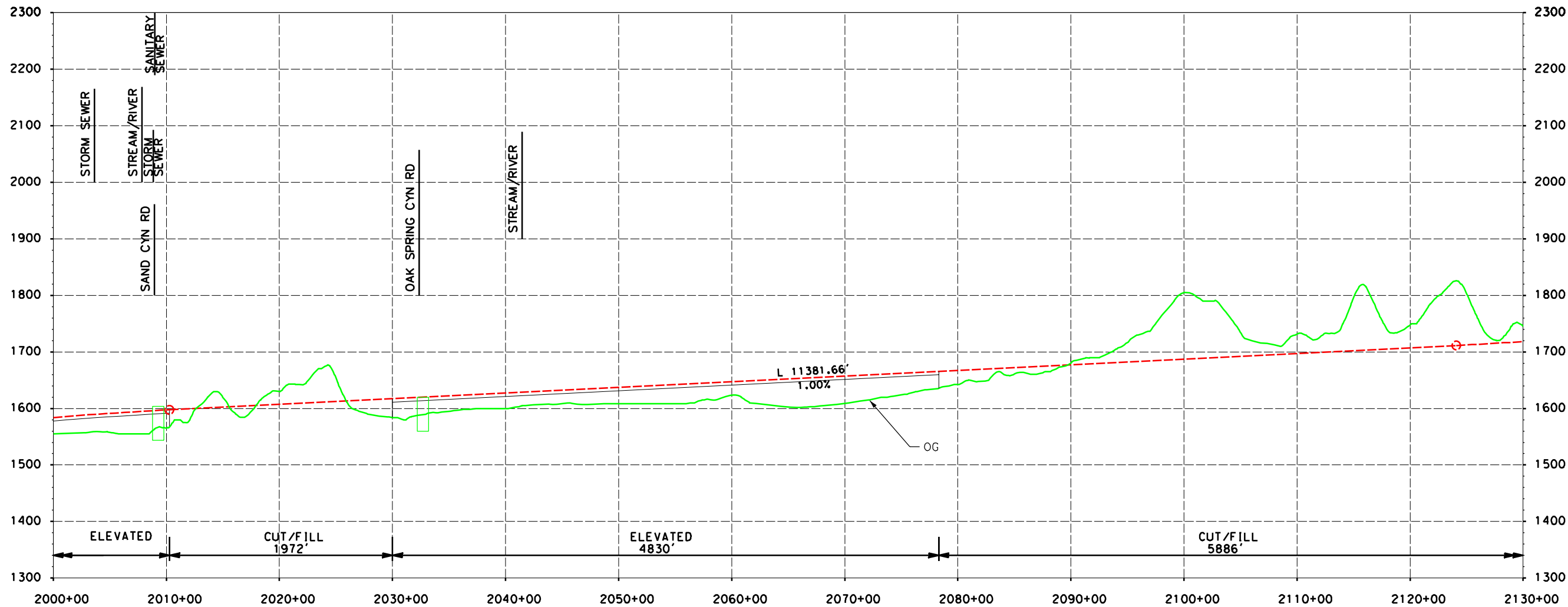
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SR 14 SOUTH"
PLAN & PROFILE
STA 3430+00 TO END

CONTRACT NO.
DRAWING NO. LAP-CB3315
SCALE AS SHOWN
SHEET NO. 16 OF 16

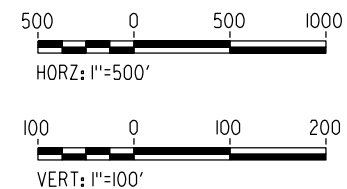
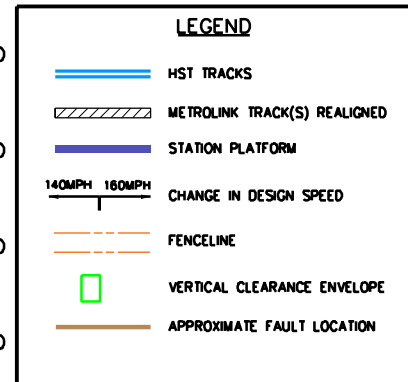
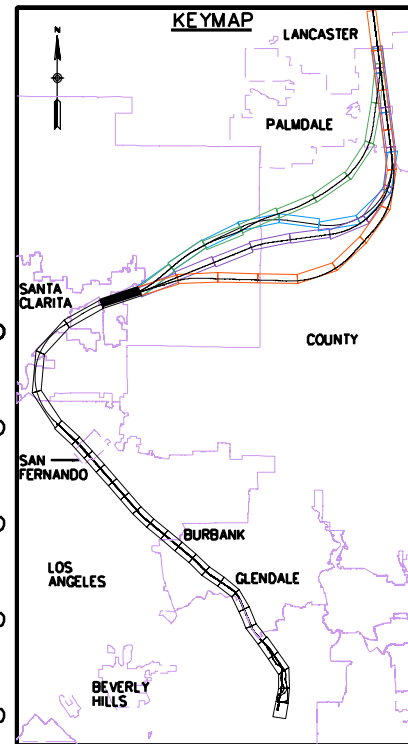
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PLAN



PROFILE

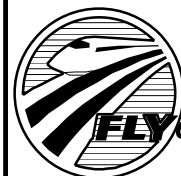


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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

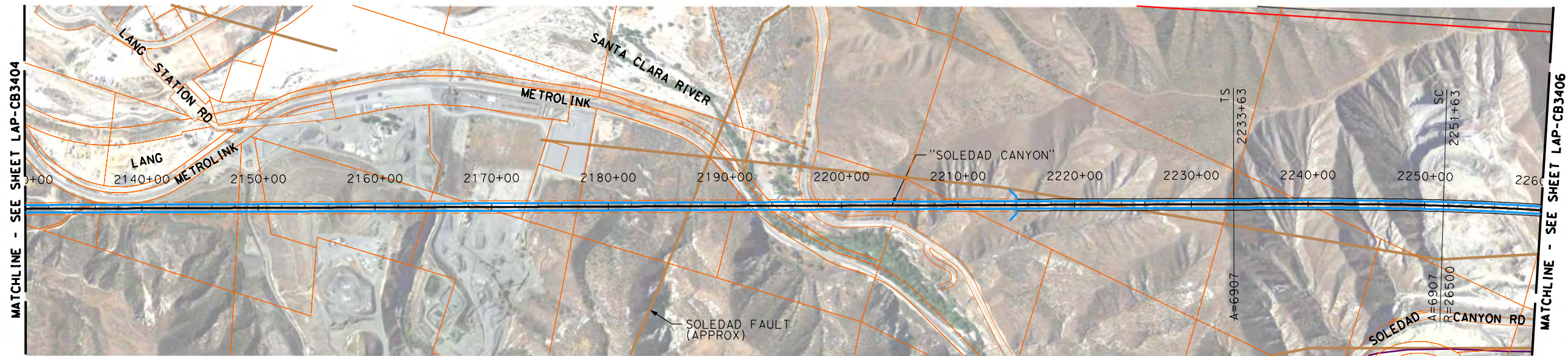


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

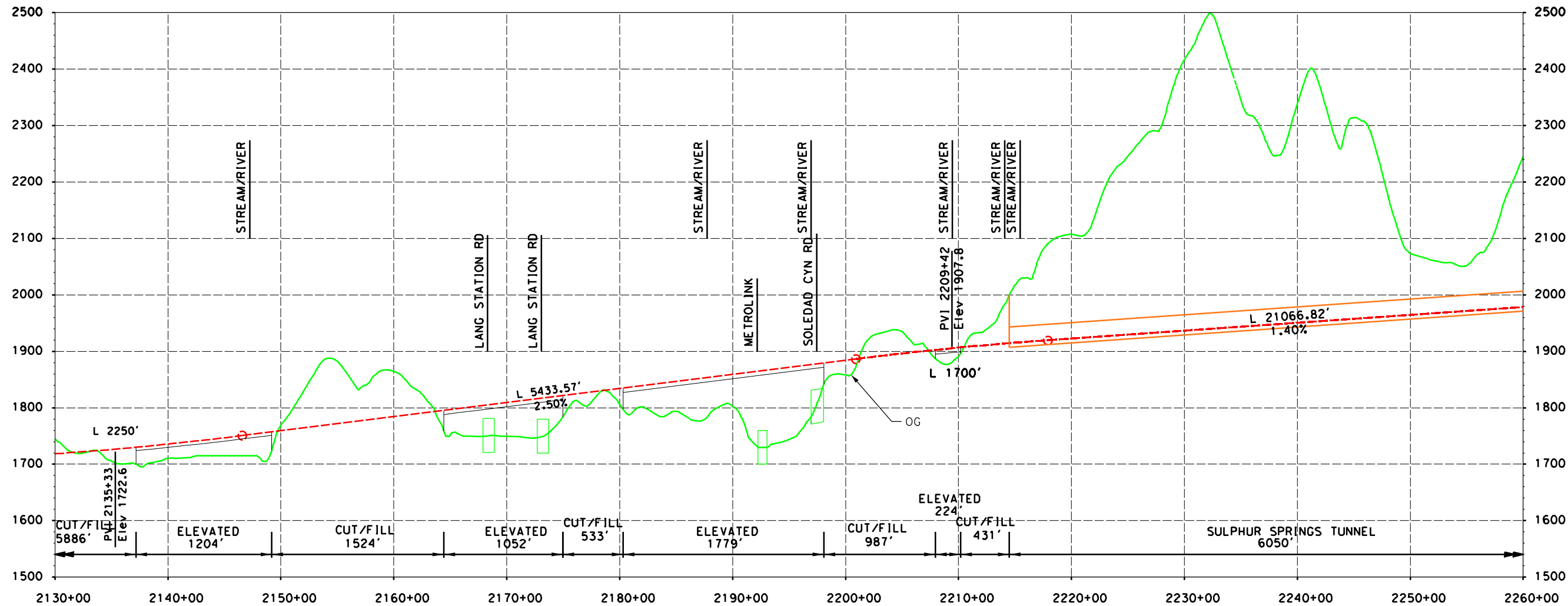
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 2000+00 TO 2130+00

CONTRACT NO.
DRAWING NO. LAP-CB3404
SCALE AS SHOWN
SHEET NO. 5 OF 17

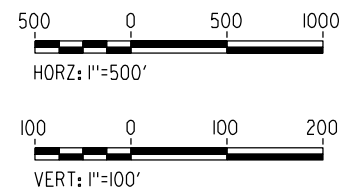
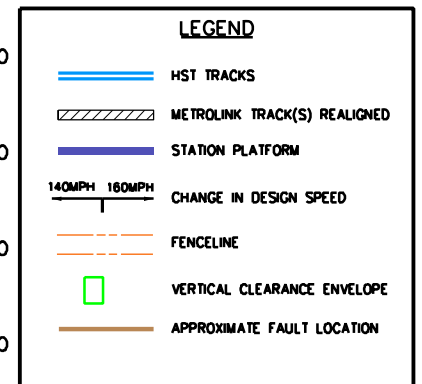
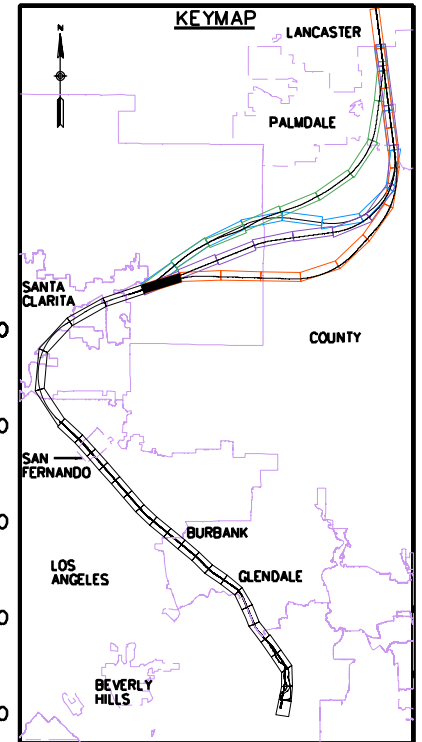
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PLAN



PROFILE



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IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



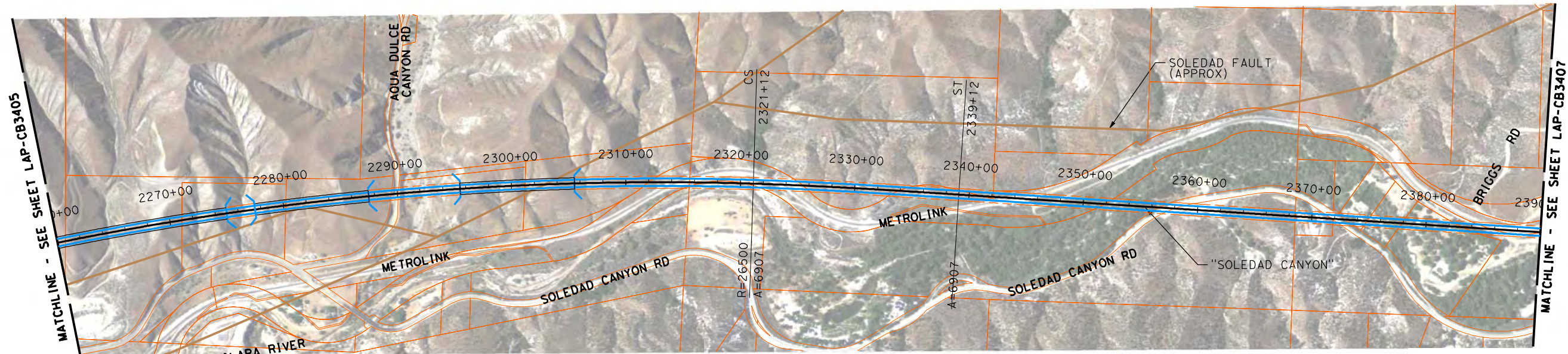
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES

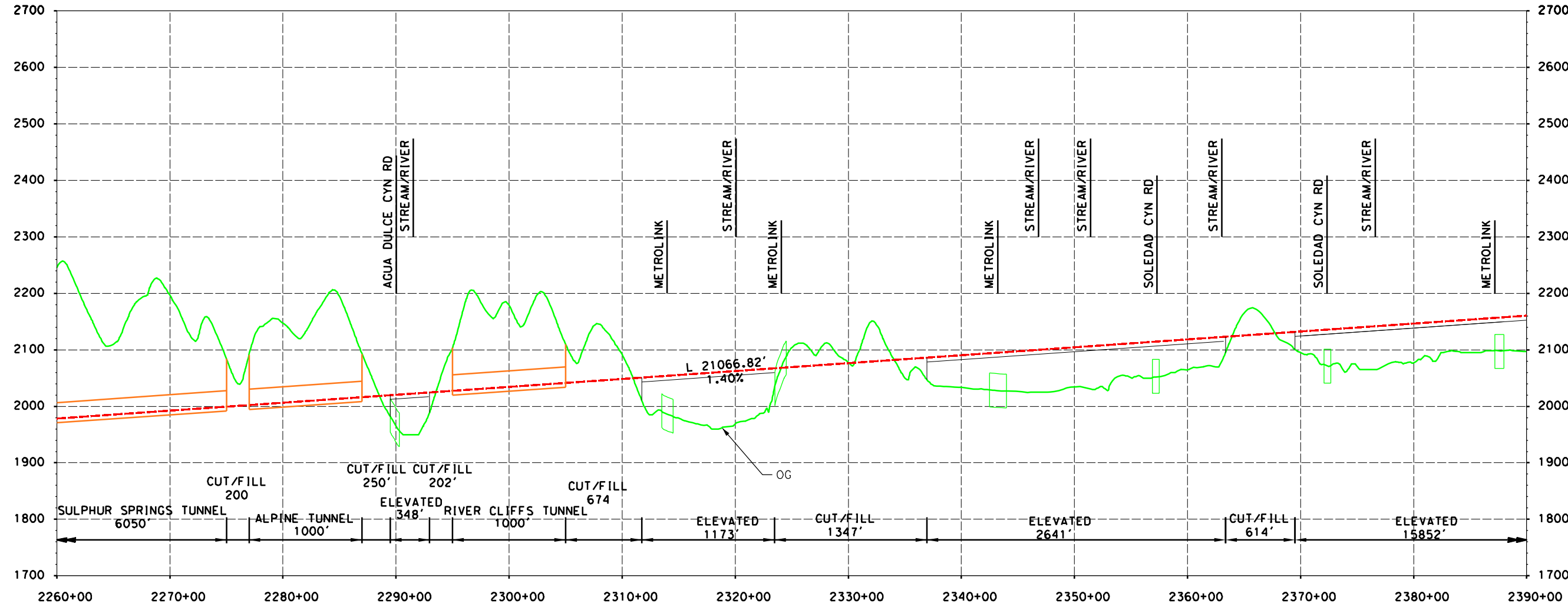
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SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 2130+00 TO 2260+00

CONTRACT NO.
DRAWING NO. LAP-CB3405
SCALE AS SHOWN
SHEET NO. 6 OF 17

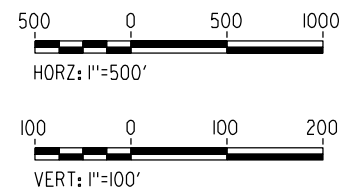
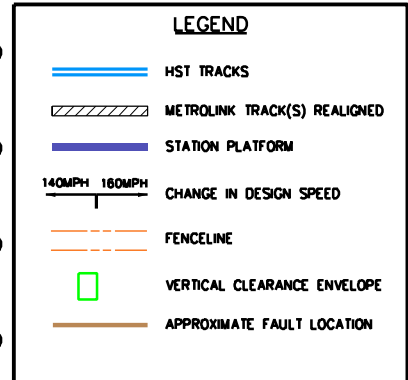
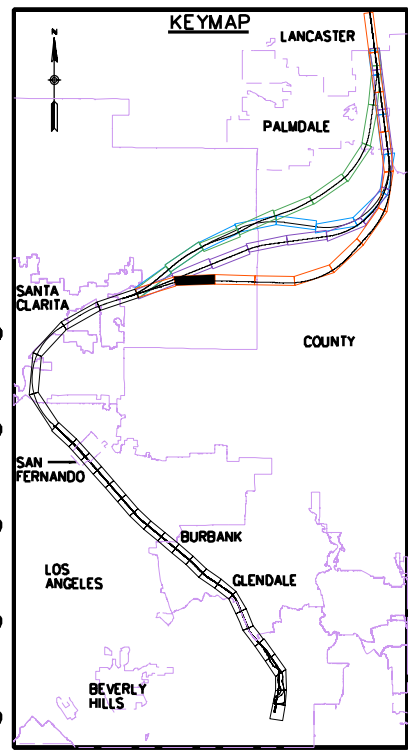
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PLAN



PROFILE



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DRAWN BY
J. ELLIS/C. LEE
CHECKED BY
M. EADEN
IN CHARGE
J. HAWLEY
DATE
07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY

FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

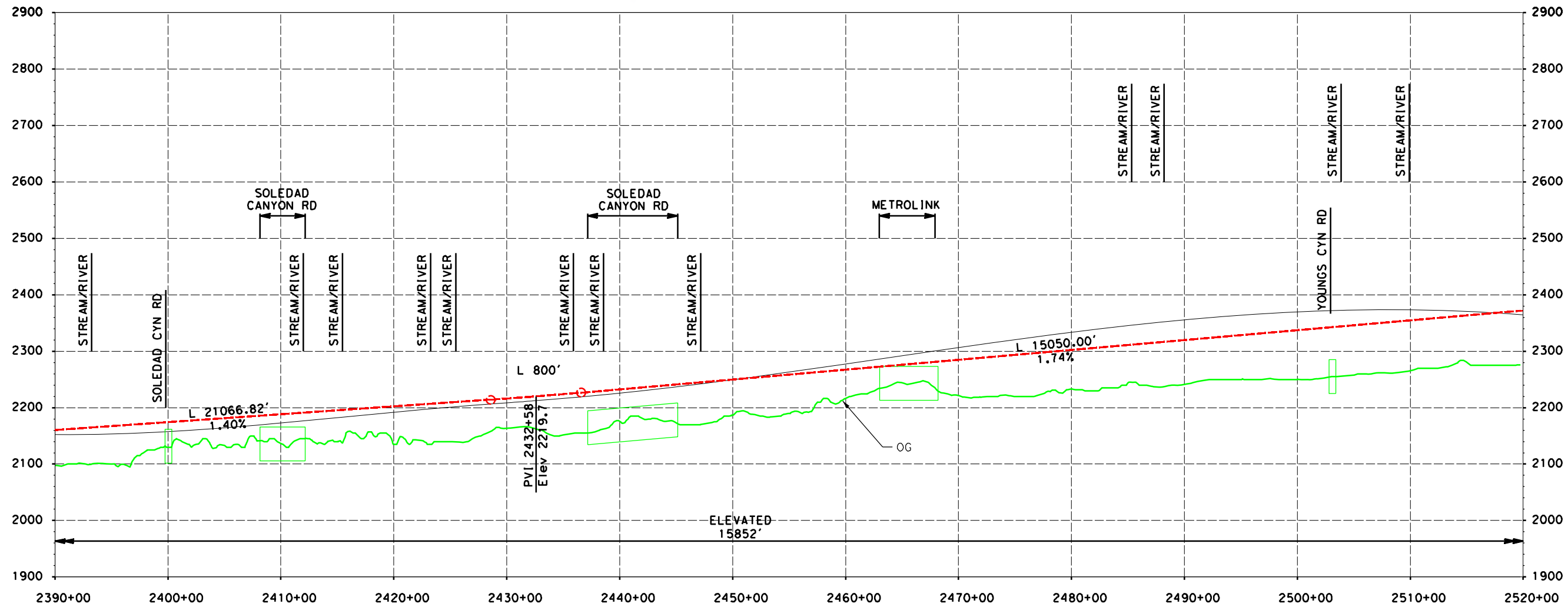
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SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 2260+00 TO 2390+00

CONTRACT NO.
DRAWING NO.
LAP-CB3406
SCALE
AS SHOWN
SHEET NO.
7 OF 17

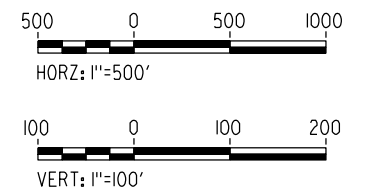
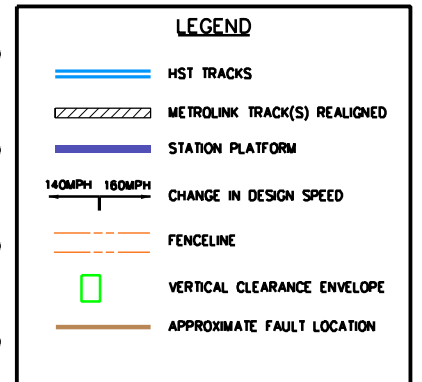
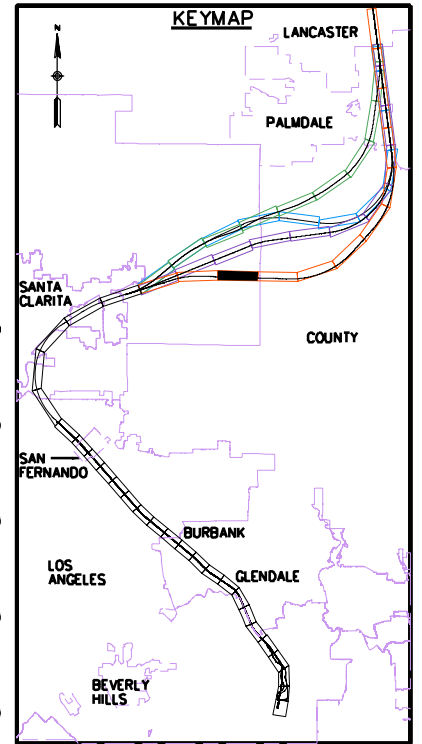
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PLAN



PROFILE

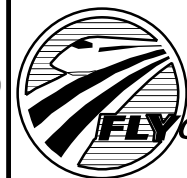


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. ELLIS/C. LEE
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CHECKED BY M. EADEN
IN CHARGE J. HAWLEY
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



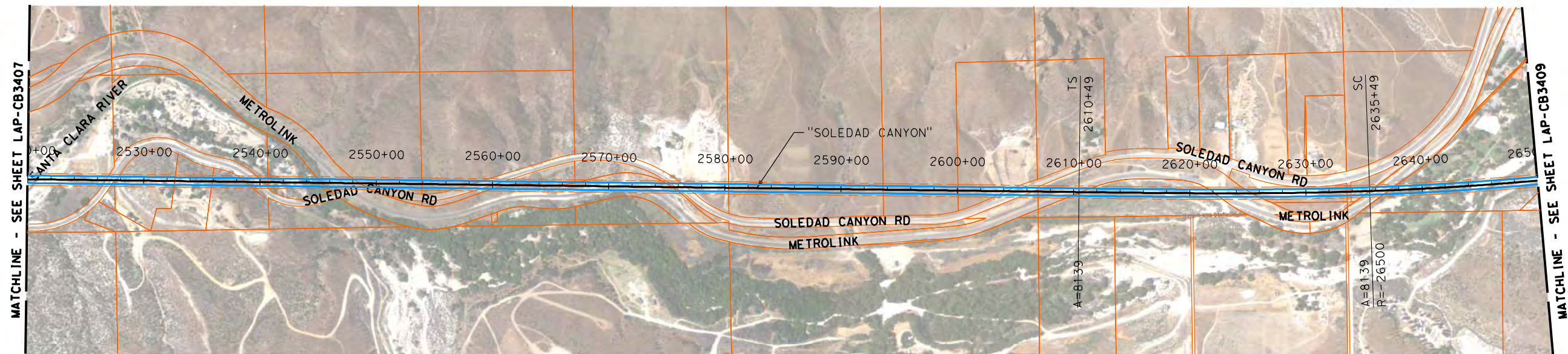
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

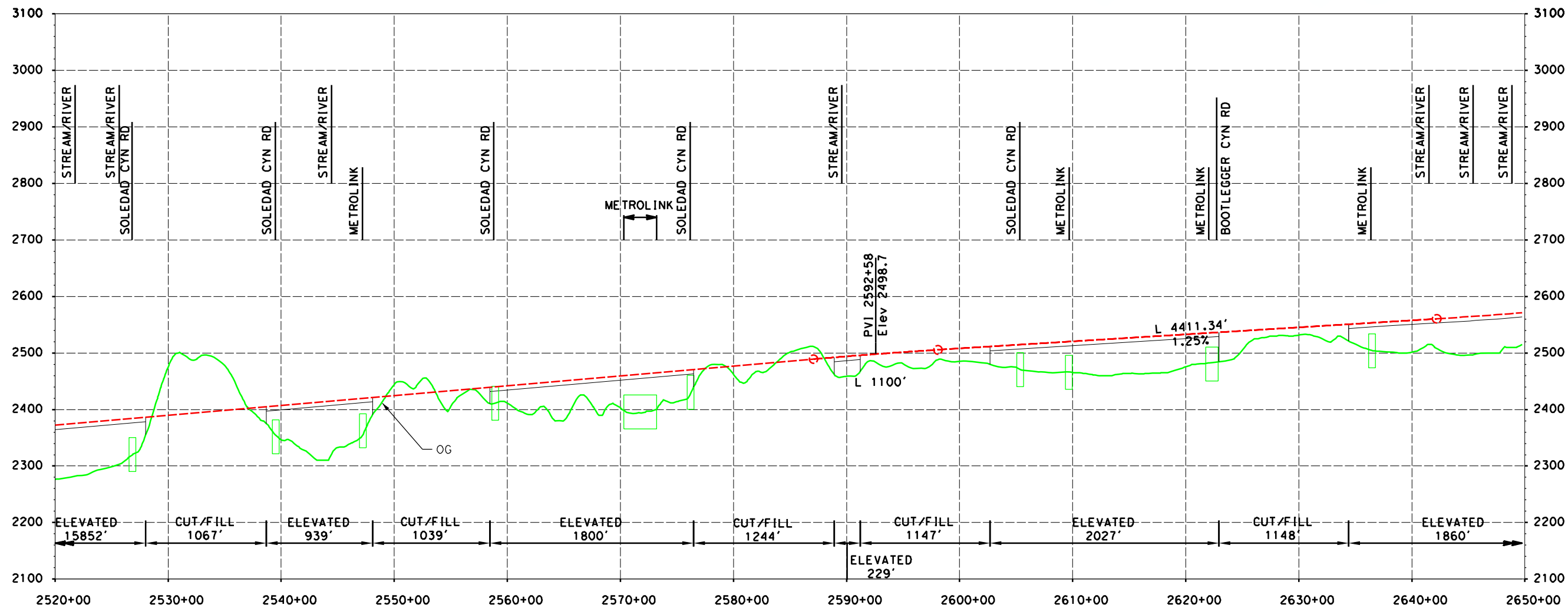
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 2390+00 TO 2520+00

CONTRACT NO.
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SCALE AS SHOWN
SHEET NO. 8 OF 17

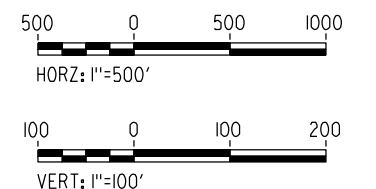
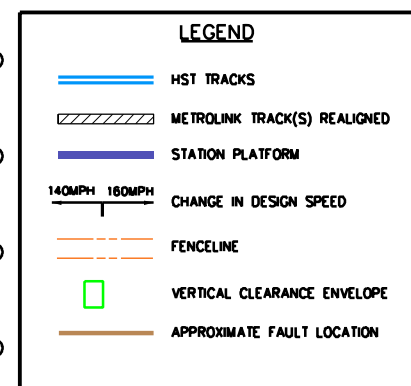
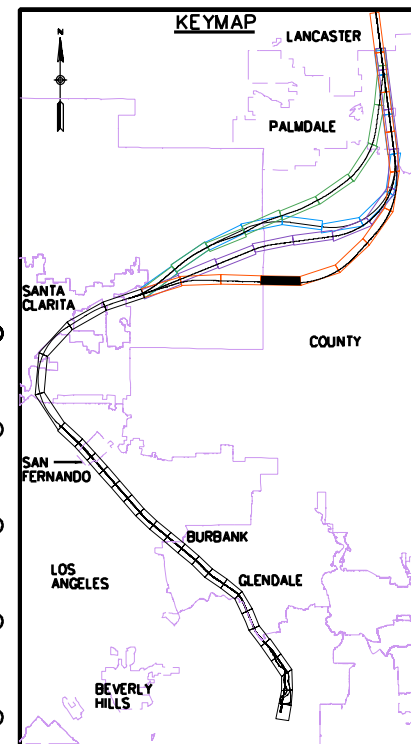
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PLAN



PROFILE

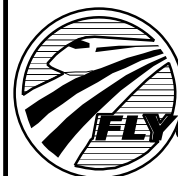


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. ELLIS/C. LEE
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CHECKED BY M. EADEN
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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

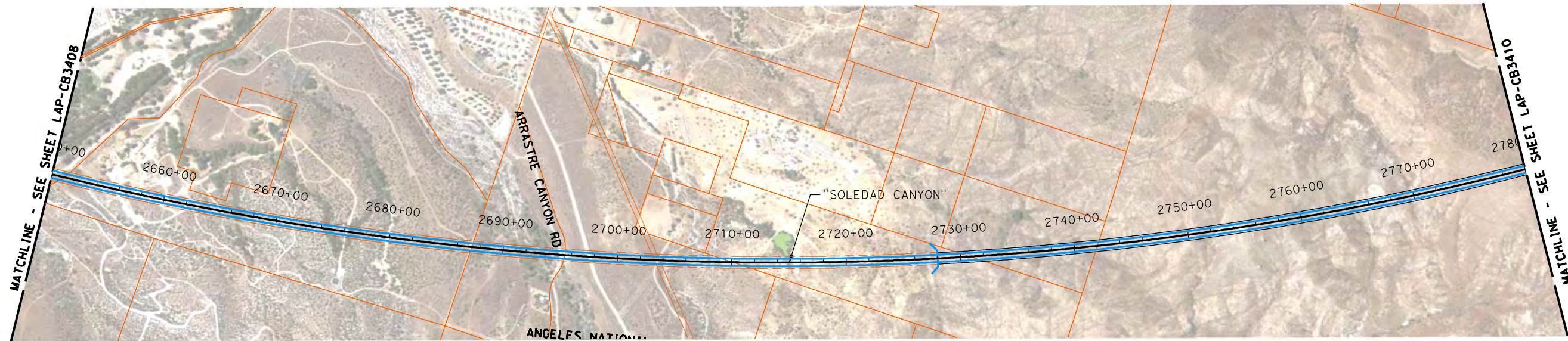


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
Without ever leaving the ground.

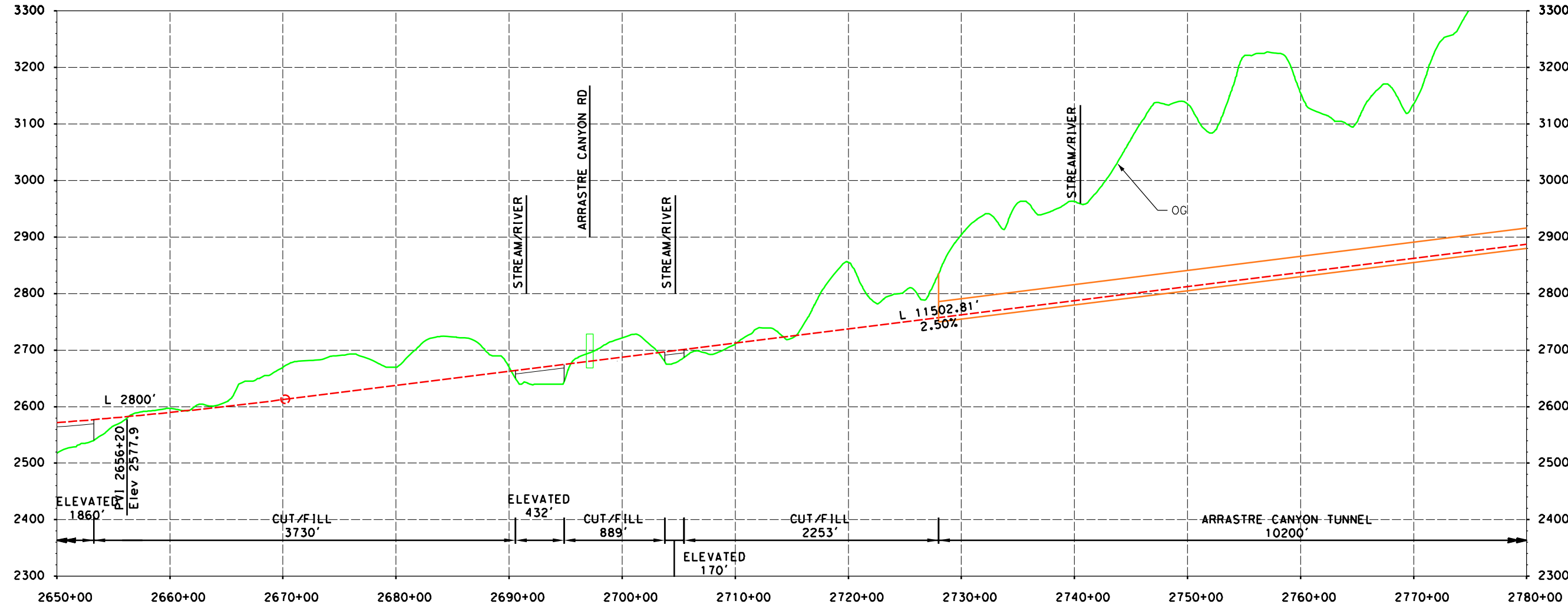
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 2520+00 TO 2650+00

CONTRACT NO.
DRAWING NO. LAP-CB3408
SCALE AS SHOWN
SHEET NO. 9 OF 17

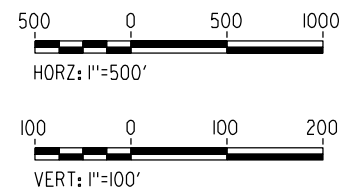
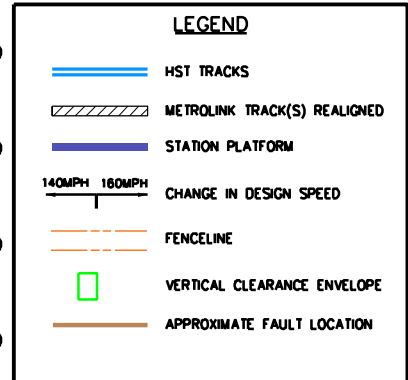
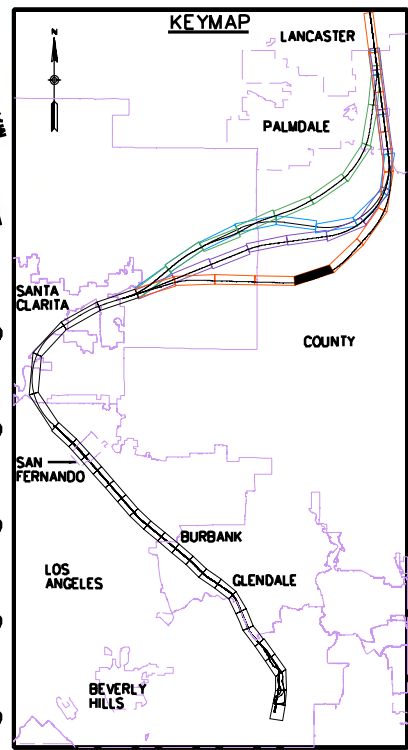
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PLAN



PROFILE



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CHECKED BY M. EADEN
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DATE 07/02/2010



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A HIGH-SPEED RAIL JOINT VENTURE

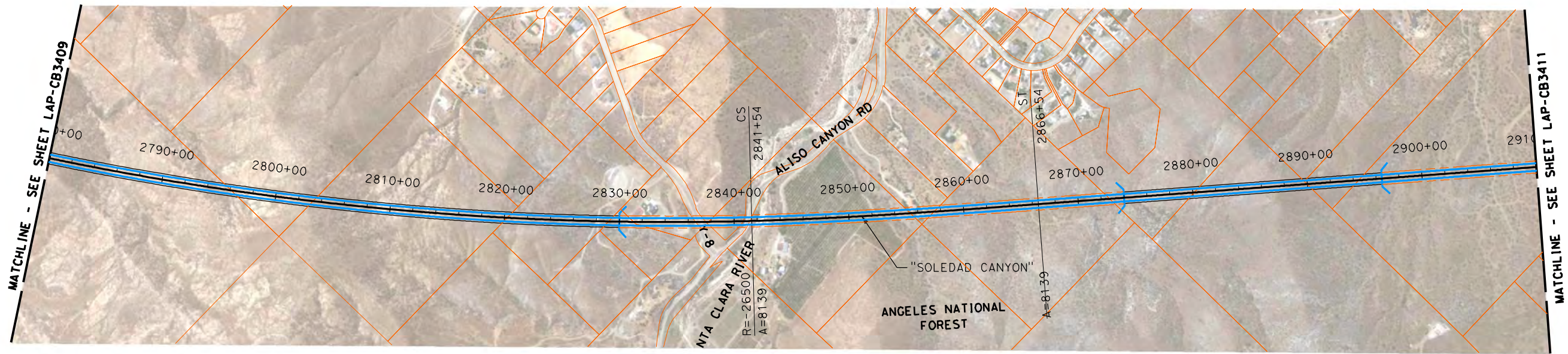


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

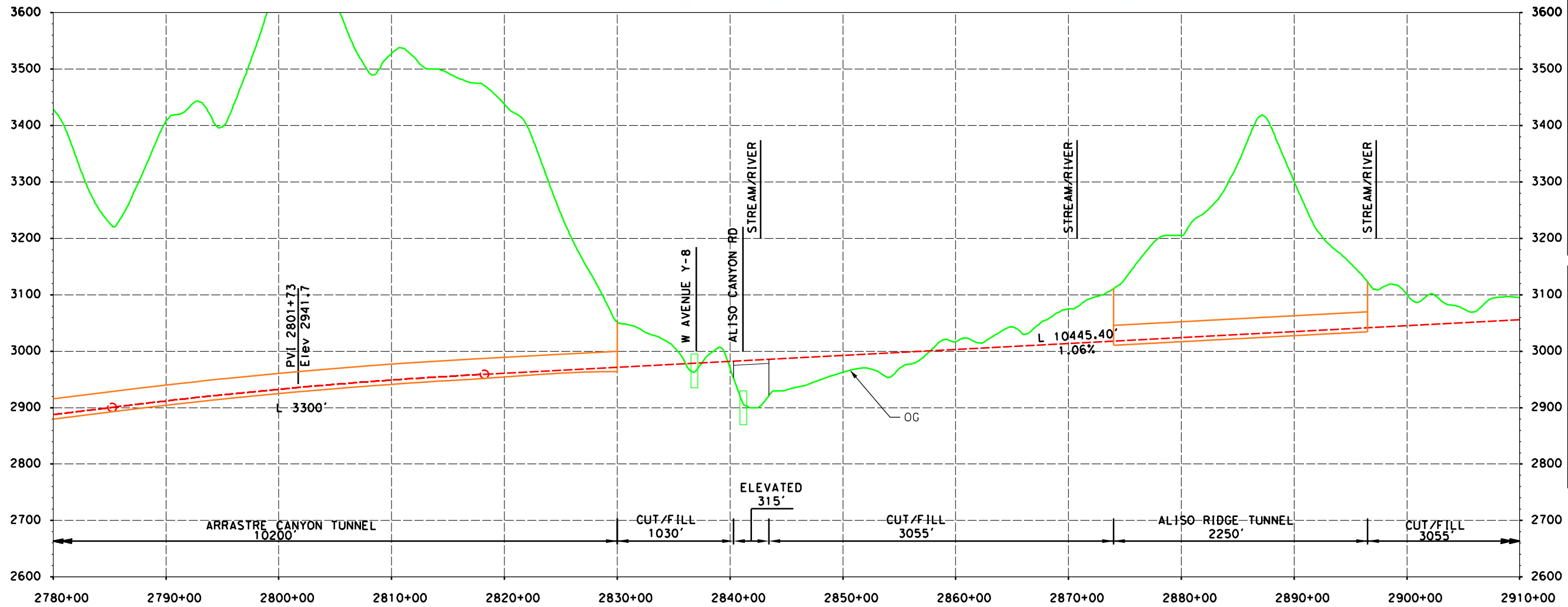
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 2650+00 2780+00

CONTRACT NO.
DRAWING NO. LAP-CB3409
SCALE AS SHOWN
SHEET NO. 10 OF 17

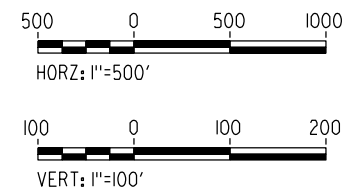
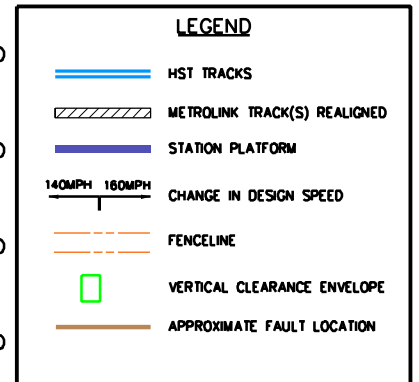
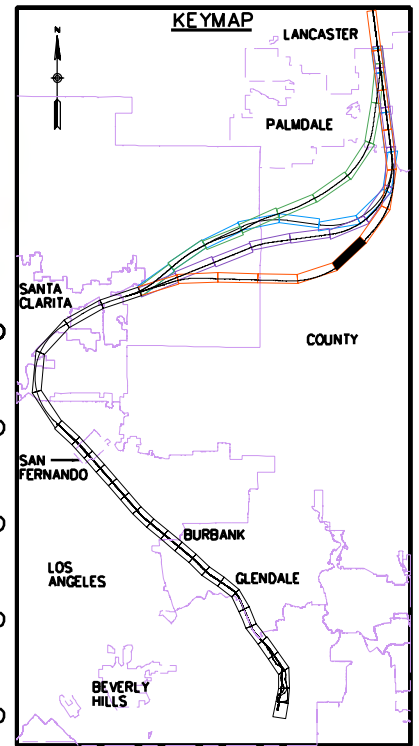
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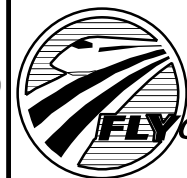


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. ELLIS/C. LEE
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DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



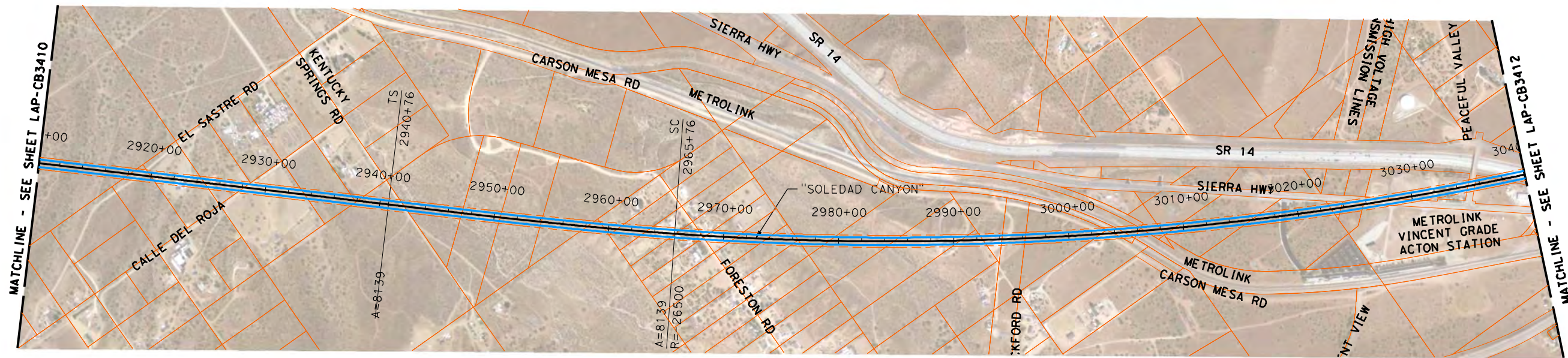
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

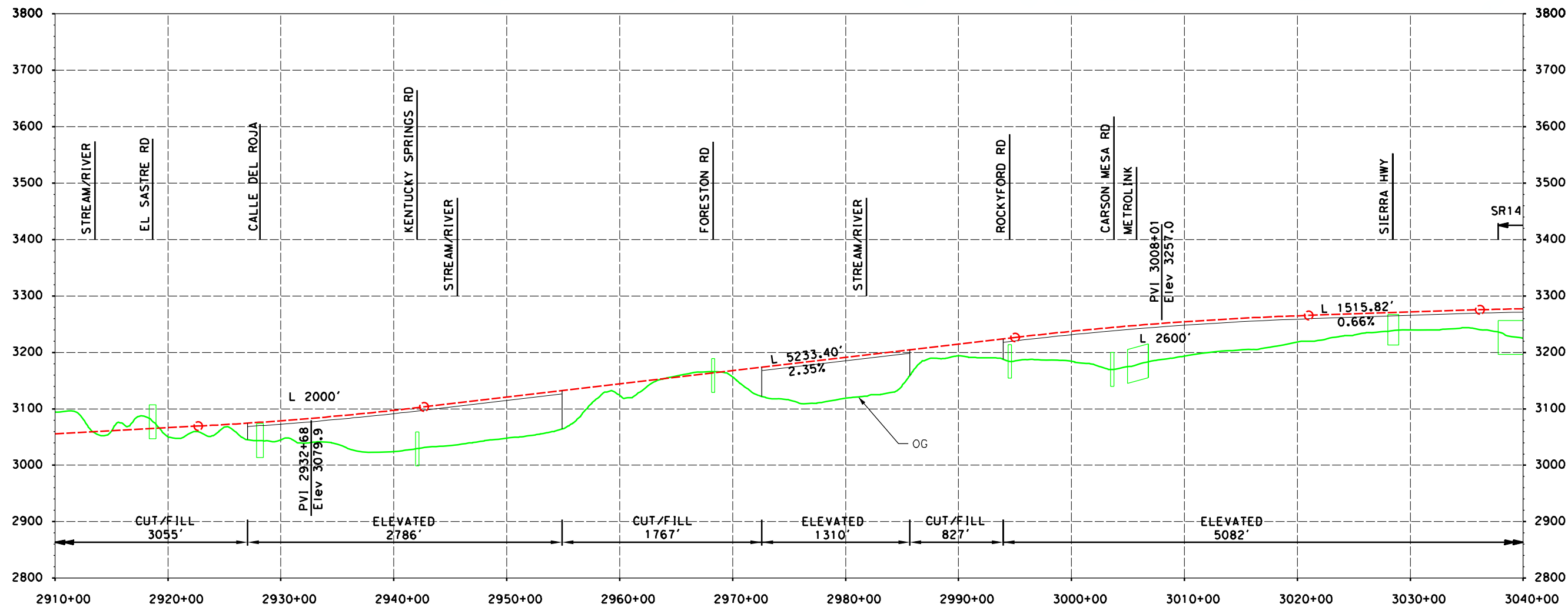
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 2780+00 TO 2910+00

CONTRACT NO.
DRAWING NO. LAP-CB3410
SCALE AS SHOWN
SHEET NO. 11 OF 17

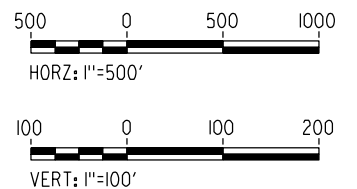
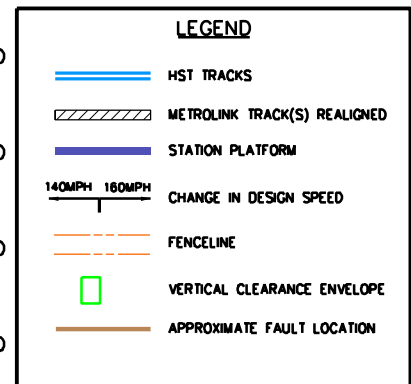
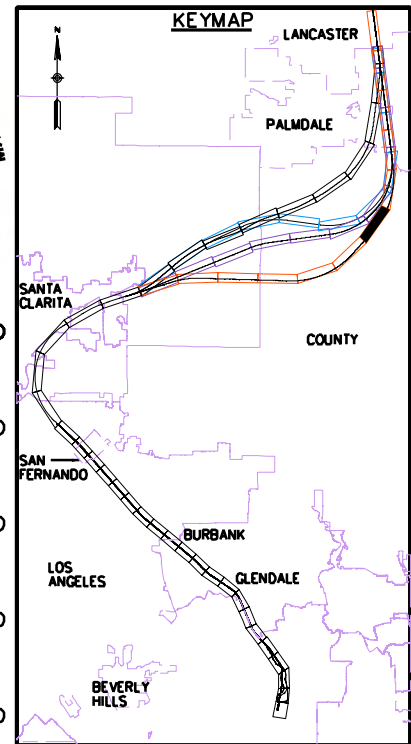
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PROFILE



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CHECKED BY M. EADEN
IN CHARGE J. HAWLEY
DATE 07/02/2010



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A HIGH-SPEED RAIL JOINT VENTURE



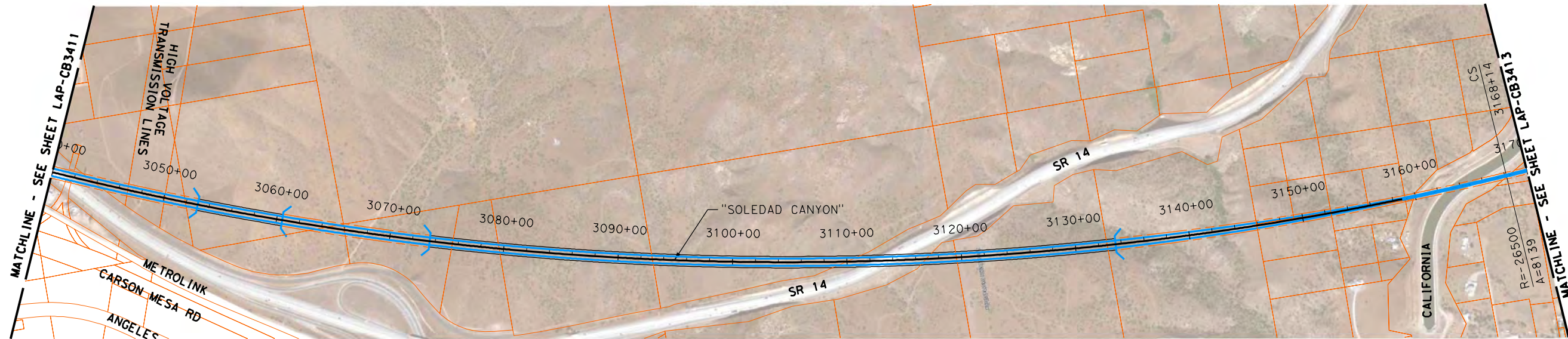
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FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

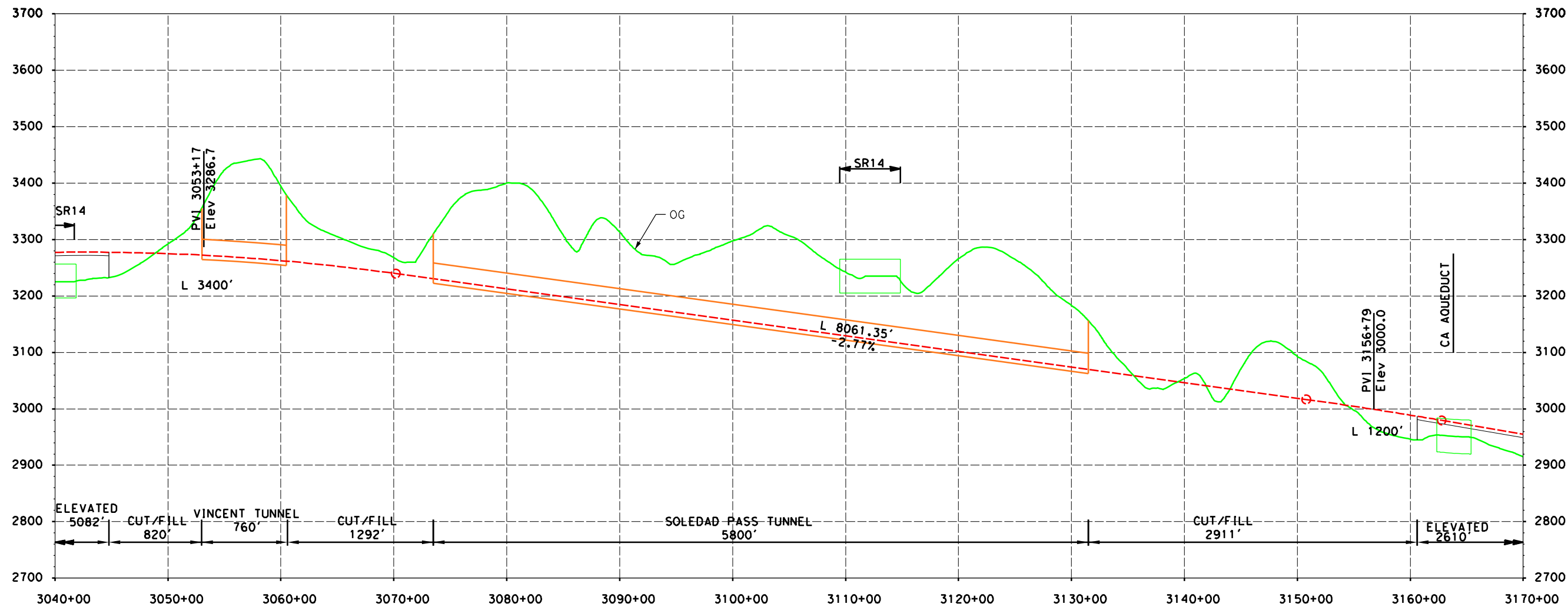
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SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 2910+00 TO 3040+00

CONTRACT NO.
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SCALE AS SHOWN
SHEET NO. 12 OF 17

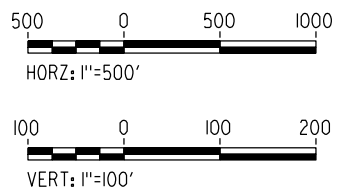
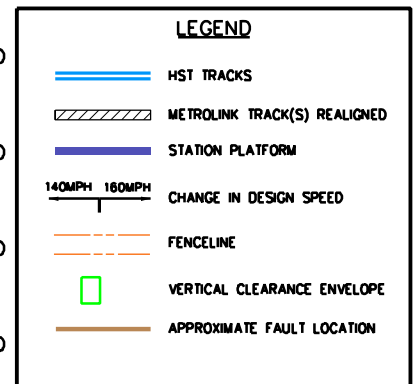
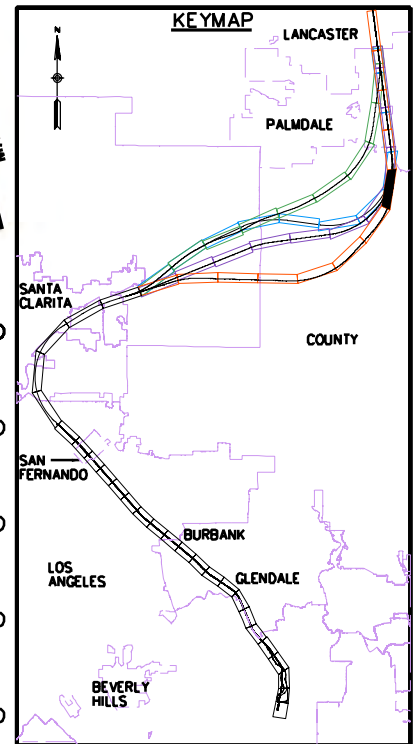
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A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

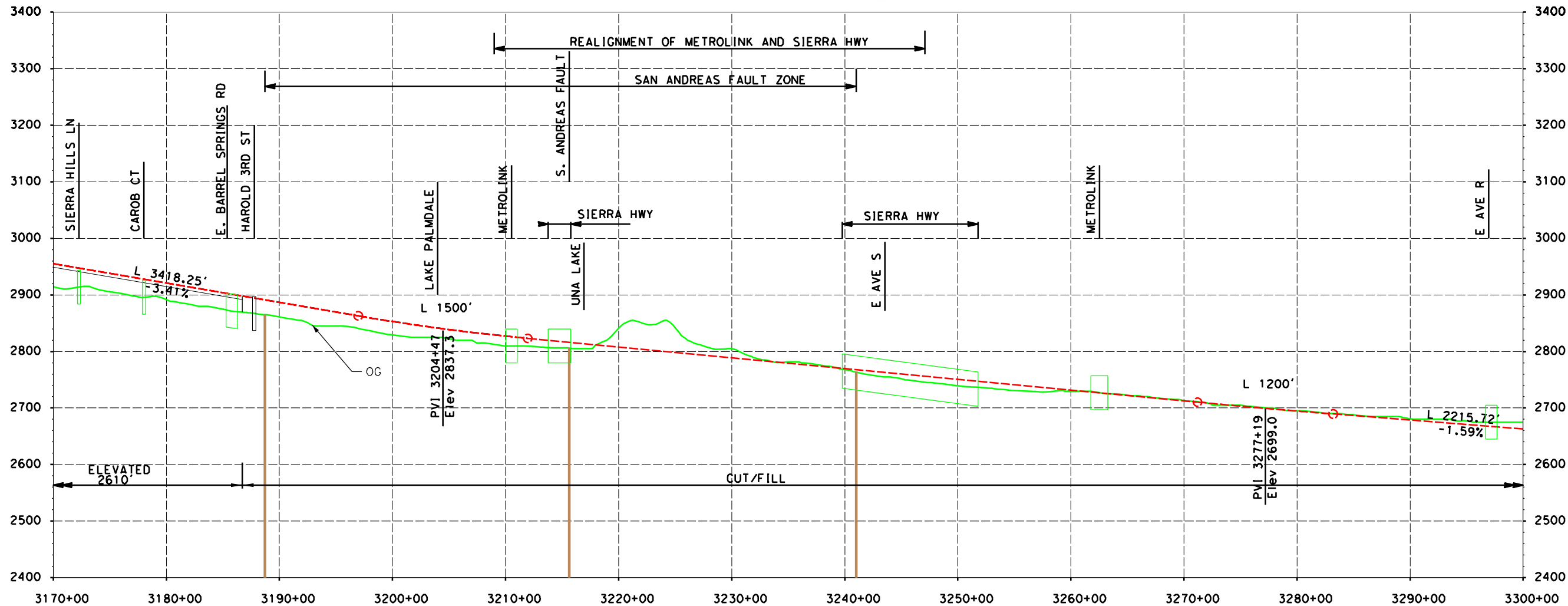
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PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 3040+00 TO 3170+00

CONTRACT NO.
DRAWING NO. LAP-CB3412
SCALE AS SHOWN
SHEET NO. 13 OF 17

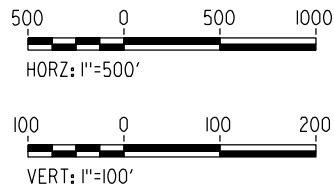
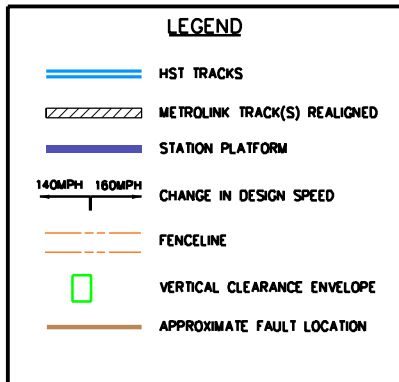
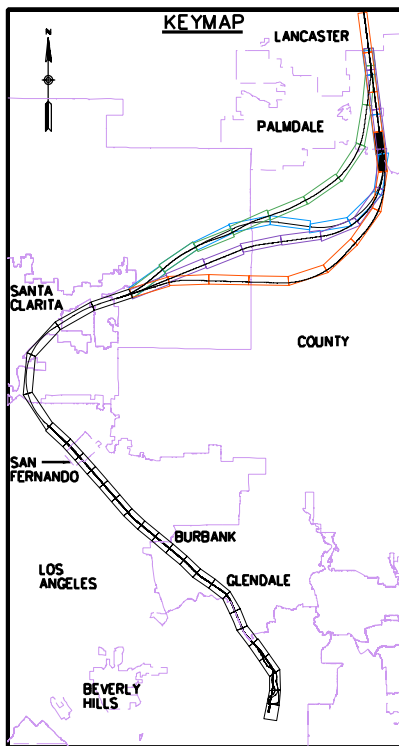
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A HIGH-SPEED RAIL JOINT VENTURE



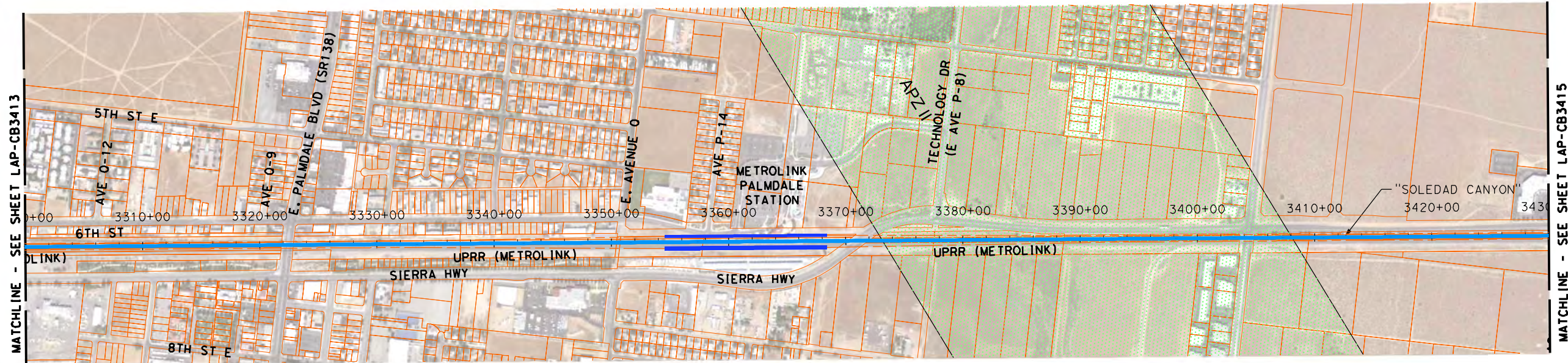
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

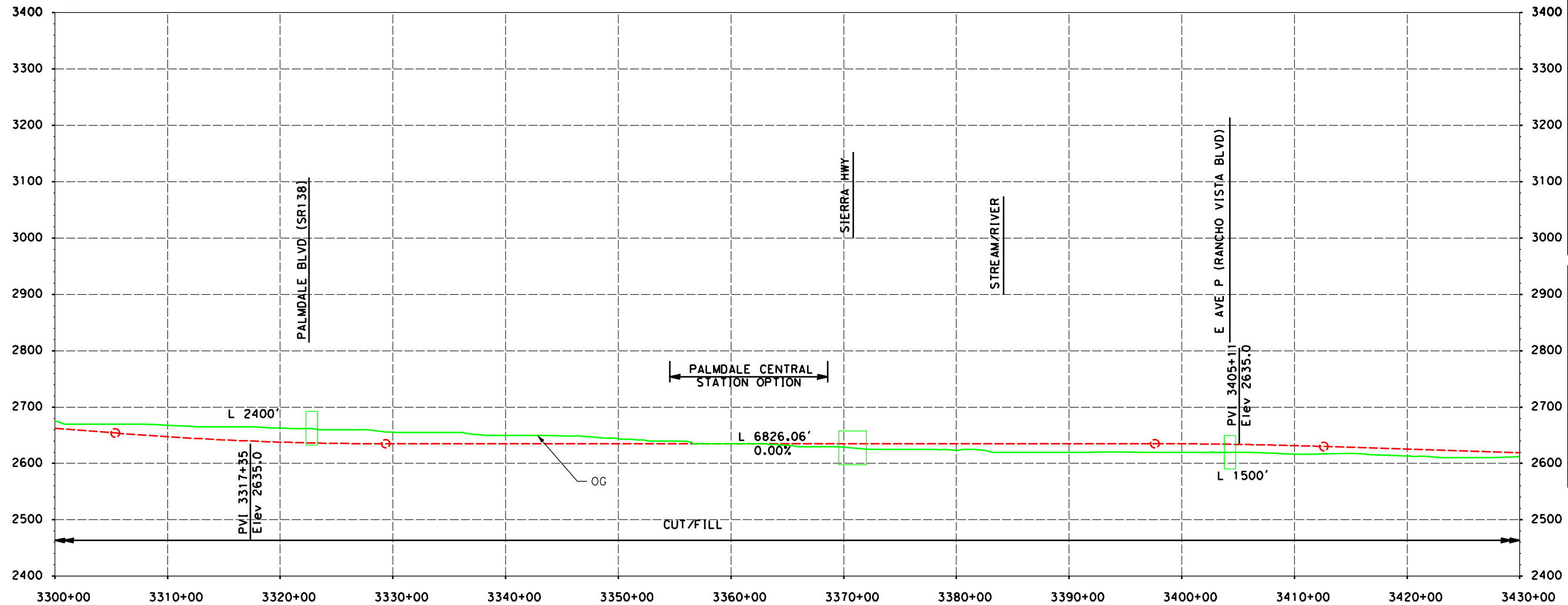
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SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 3170+00 TO 3300+00

CONTRACT NO.
DRAWING NO. LAP-CB3413
SCALE AS SHOWN
SHEET NO. 14 OF 17

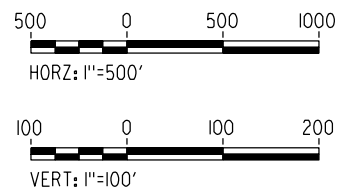
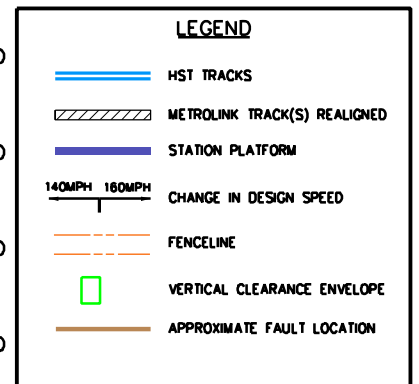
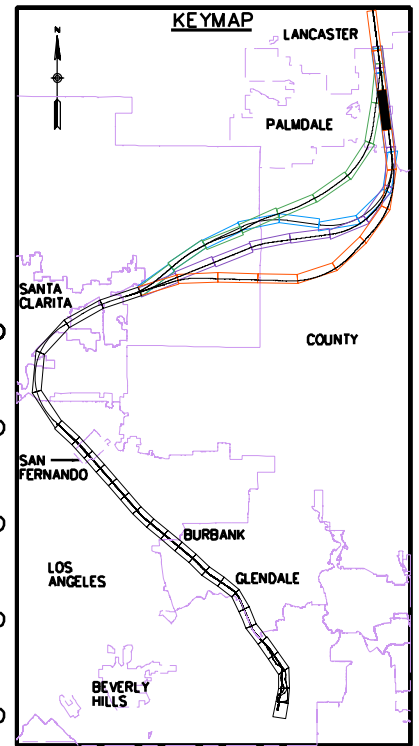
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A HIGH-SPEED RAIL JOINT VENTURE



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Without ever leaving the ground.

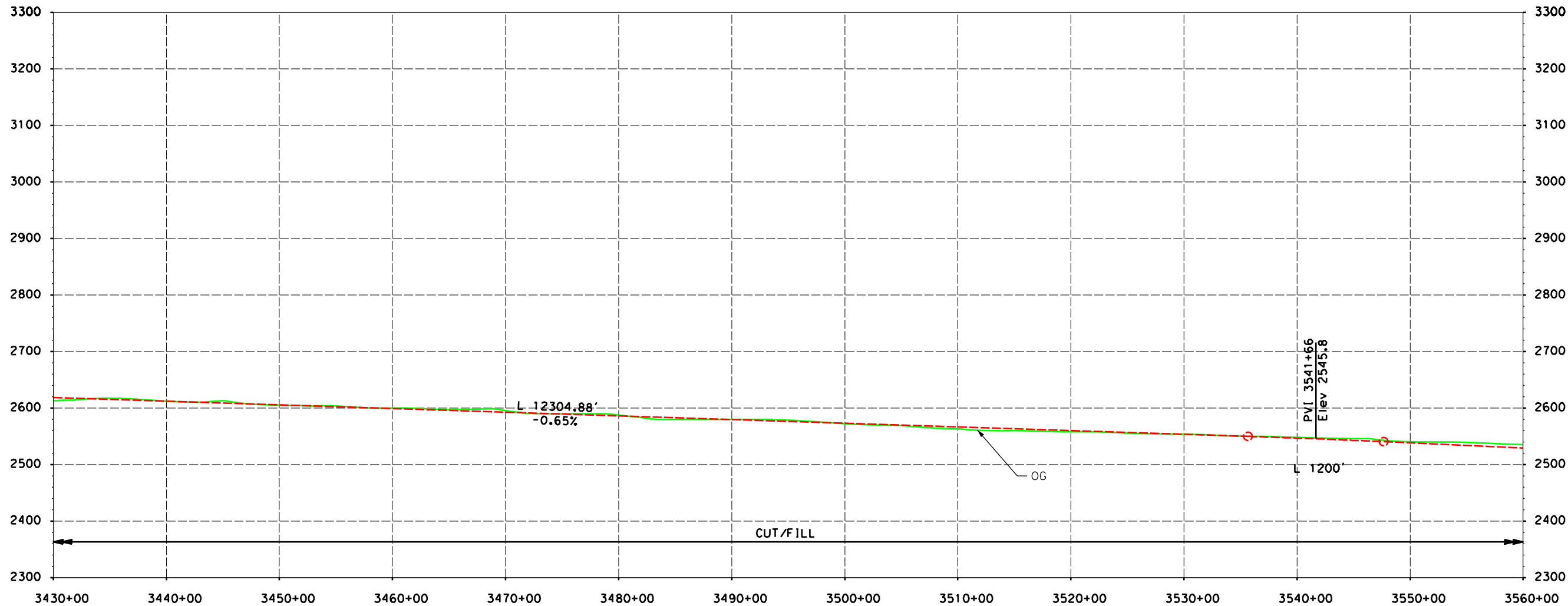
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 3300+00 TO 3430+00

CONTRACT NO.
DRAWING NO. LAP-CB3414
SCALE AS SHOWN
SHEET NO. 15 OF 17

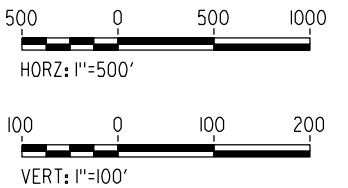
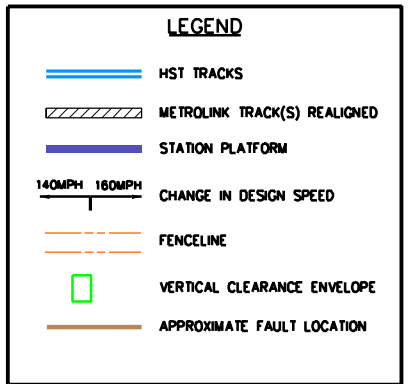
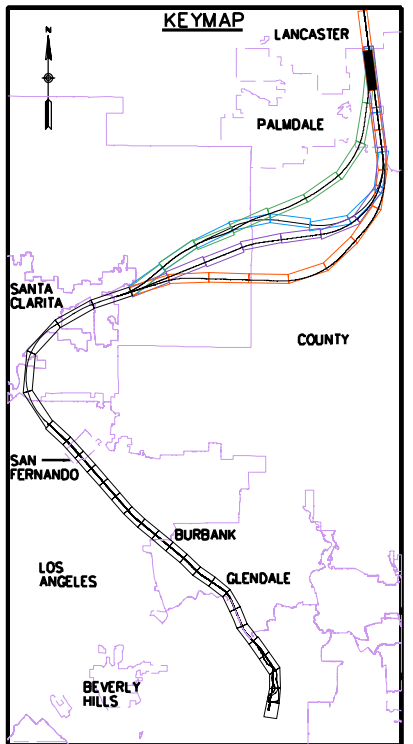
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A HIGH-SPEED RAIL JOINT VENTURE



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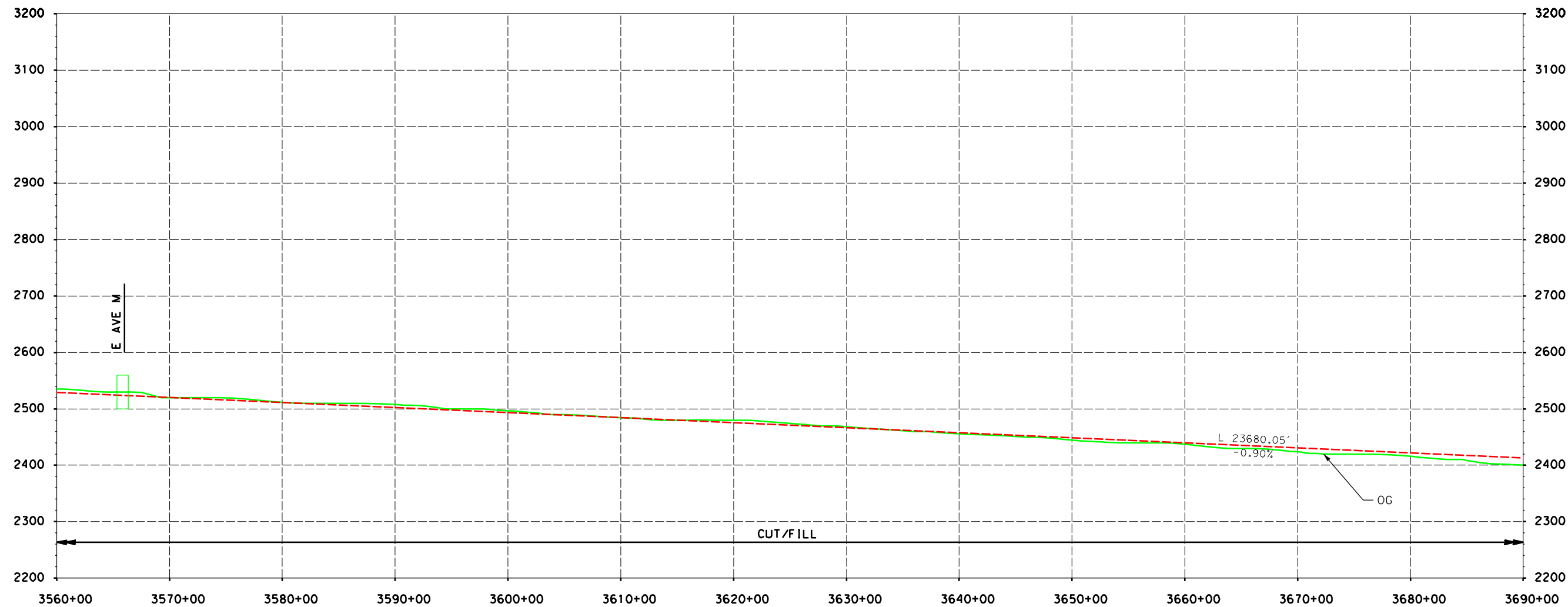
CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 3430+00 TO 3560+00

CONTRACT NO.
DRAWING NO. LAP-CB3415
SCALE AS SHOWN
SHEET NO. 16 OF 17

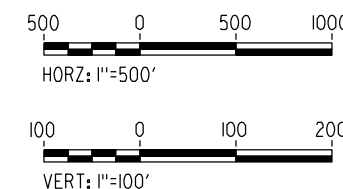
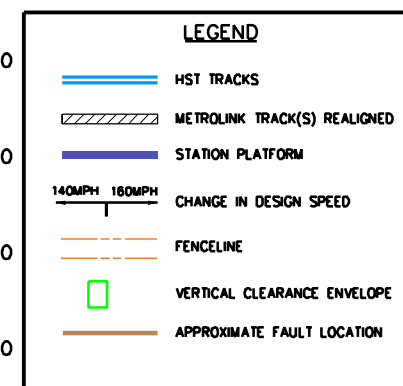
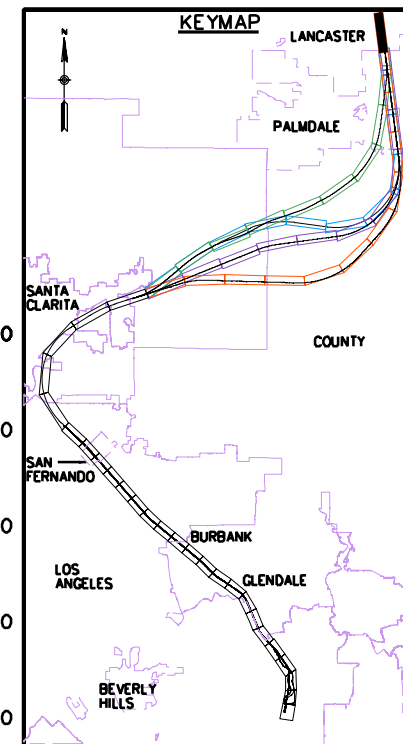
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR TO PALMDALE - "SOLEDAD CANYON"
PLAN & PROFILE
STA 3560+00 TO END

CONTRACT NO.
DRAWING NO. LAP-CB3416
SCALE AS SHOWN
SHEET NO. 17 OF 17